

INSPECTORS QUALITY ASSURANCE REPORT (QAR)
DAILY LOG OF CONSTRUCTION - MILITARY (ER
415-1-302)

165562
THE OCR WILL BE ATTACHED TO OR FILED WITH THE
QAR.

REPORT NO.

001

PROJECT

Solutia Sauget Area 1
Sauget, IL

DATE

07 September 1999 (Tue)

CONTRACT NO.

CONTRACTOR (Or hired labor)

O'Brien Gere

WEATHER

Partly Cloudy. Temp. 80

CQC Inspection phases attended and instruction given:

- 1) O'Brien Gere - Preparatory Inspection Meeting conducted for Air Sampling Event

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

- 1) OBG, Alan Cork Stated that there will be no MS/MSD samples performed during air sampling. I Talked to Tim Gouger (USACE) about this and he would pass the information on to USEPA.

Verbal instruction given to contractor: (Include names, reactions and remarks)

- 1) None

Has anything developed on the work which might lead to a change order or finding of fact? NO YES

- 1) MS/MSD samples not beeing taken as stated in the QAPP and FSP

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

- 1) Sample Equip. set up and calibration is going to take several days.

Information, instructions or actions taken not covered on QCR report or disagreement:

- 1) None

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify corrective action taken.)

- 1) None

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work.)

- 1) None

INSPECTORS'S SIGNATURE	DATE	SUPERVISOR'S INITIALS	DATE
	07-09-99		

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)
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415-1-302)**

**THE OCR WILL BE ATTACHED TO OR FILED WITH THE
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REPORT NO.

002

PROJECT

Solutia Sauget Area 1
Sauget, IL

DATE

08 September 1999

CONTRACT NO.

CONTRACTOR (Or hired labor)

O'Brien Gere

WEATHER

Sunny, Temp.85

CQC Inspection phases attended and instruction given:

1) none

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

1) OBG - Finish setup of PM 2.5 Samplers, all units in good condition. Begin calibration of PUF units.

Verbal instruction given to contractor: (Include names, reactions and remarks)

1) None

Has anything developed on the work which might lead to a change order or finding of fact? NO YES

1) None

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

- 1) Sample Equip. set up and calibration is going to take several days.

Information, instructions or actions taken not covered on QCR report or disagreement:

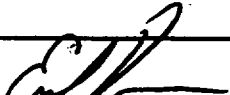
- 1) None

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify corrective action taken.)

- 1) None

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work.)

- 1) None

INSPECTOR'S SIGNATURE	DATE	SUPERVISOR'S INITIALS	DATE
	09-08-99	ER	9-21-99

DAILY WORK LOG

DATE 9/8/99

PROJECT NAME Solutia Sargat Area 1

PROJECT LOCATION Air Sampling Set-up @ Site P

WEATHER Partly Cloudy

PRECIPITATION Trace

TEMPERATURE High 85°F

NUMBER OF HOURS WORKED 69 Hours

NUMBER OF EMPLOYEES 6

1. ITEMS WORKED ON (ITEM NO. DESCRIPTION STA. TO STA. FOREMAN)

2. INSTRUCTIONS RECEIVED FROM SOLUTIA

3. INSTRUCTIONS RECEIVED FROM USEPA

4. DEVIATIONS

5. VISITORS (NAMES & TITLES)

6. EQUIPMENT

7. LUNCH MEETING COMMENTS

8. UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.)

9. REMARKS:

1) Assembled & Calibrated → PM 2.5 Samplers (11)
PUE Samplers (39)

Prepared PUE Modules & Inserted Sample Media

Staged Generators

2) Discussed issue w/ MS/MSD & Field Duplicates w/ John Fore-Solutia's Rep. Outside. I showed John my correspondence w/ K. Perry of Solutia concerning the issue

3) None

4) Previous two discussed w/ Solutia

- Concerning use of three connected PM 10 Samplers for PM 2.5 Sampling

- MS/MSD & Field Dups are in OAPD & FSD but not called for in methods. These have may have been deleted EPA still looking into this

- SSP Still states 7-day 24hr sample for Metals → EPA is aware of rule. Indicated to them that was changed to 1-day 24-hr per agency comments. will be looked into by agency but were informed to proceed w/ 1-day 24-hr.

5) Mike Marks - Aggecko - Generator Supplier
he left from OSHA Armed @ 12:30 pm to help out

6) Generator delivered

7) None

8) None

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

Alan J. Cook / Alan J. Cook / 9/9/99
PRINTED NAME / SIGNATURE OF PREPARER / DATE

9)- Sample Calibration { Set-up taking much longer than expected.

- Sorbent tube calibration we received will not measure to a low enough flow rate. Will ~~for~~ look into alternatives on 9/9/99

SAFETY MEETING FORM

DATE 9/8/99

CONDUCTED BY / COMPANY: AJ Cork / O'Brien & Gere

PROJECT NAME Solutia Scajet Area 1

PROJECT LOCATION SITE G, L, H & I

WEATHER Partly Cloudy

PRECIPITATION Trace

TEMPERATURE 70°F

NUMBER OF HOURS WORKED _____

NUMBER OF EMPLOYEES _____

1. SCHEDULED WORK:
2. REFERENCES TO APPROPRIATE SECTION OF FSP & HASP:
3. HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK:
4. SPECIFIC HEALTH AND SAFETY ISSUES REQUIRING ATTENTION:
5. COMMENTS:

- 1) Stage Calibrate & set-up Air Samplers & Generators for Air Sampling Task 5.22 in Work Plan
- 2) FSP Section 5.22 Air Sampling
HASP Section 2.10 Air Sampling
- 3) Musculoskeletal injuries from lifting & placing Air Samplers
Dirt in Eyes
Wet / Muddy Surfaces
Electrical Hazards from Generators, Spider Boxes, & Electrical Power Cords
- 4) Need Hard Hats, safety glasses, work clothes, leather steel toe boots, knee braces, PPE for initial screening of site Ambient Air for VOCs.

ATTENDANCE:

EMPLOYEE NAME (print)	EMPLOYEE SIGNATURE	COMPANY
Robert M. Newman	<i>[Signature]</i>	O'Brien & Gere Engineers
DAREN S THOMPSON	<i>[Signature]</i>	O'BRIEN & GERE ENGINEERS
William E. Wright	<i>[Signature]</i>	DBL
JOSEPH W. PERRY	<i>[Signature]</i>	O'BRIEN & GERE
John Fiore	<i>[Signature]</i>	Maverick
Alan J Cork	<i>[Signature]</i>	DBL
Erik Kasper	<i>[Signature]</i>	R.E. Wicks

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

Alan J. Cork
PRINTED NAME / SIGNATURE OF PREPARER

9/8/99
DATE

WORK FORECAST

Work Forecast for the (day)/week: 9/8/99

Date: 9/7/99

Project Name: Soluba Survey Area 1 Project Location: Site G, L, H & I

Company Name: O'Brien & Gere

1. List Work Items and Locations Scheduled for Next Day/Week:

- 1) Set-up Air Samplers & Generators for Air Sampling event per Section 5.2.2 in the FSP. Also calibration of Sampler Equipment.
- 2) Two Samplers will be set up down wind @ Site G and two samplers will be set up up wind of Site G.
- 3) For Sites L, H & I - Three samplers will be placed upwind and six will be placed downwind of these sites in a configuration TBD.
- 4) From Weather sources winds the last two weeks have been from the southwest south-southwest ~~and~~ half. We plan to set-up air samplers in a South (downwind) to north (upwind) configuration.

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

Alan J. Carr / [Signature] / 9/7/99
Name/Signature/Date of Preparer

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REPORT NO.

003

PROJECT

Solutia Sauget Area 1
Sauget, IL

DATE

09 September 1999

CONTRACT NO.

CONTRACTOR (Or hired labor)

O'Brien Gere

WEATHER

Sunny, Temp.85

CQC Inspection phases attended and instruction given:

1) none

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

- 1) OBG - Finish calibration of PUF Samplers, Begin calibration of Gillian pumps.
- 2) OBG - Located all of the sample areas with Weston participation.

Verbal instruction given to contractor: (Include names, reactions and remarks)

1) None

Has anything developed on the work which might lead to a change order or finding of fact?

NO

YES

1) None

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

- 1) Begin sampling Site I and H at 1800 Hrs.

Information, instructions or actions taken not covered on QCR report or disagreement:


- 1) None

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify corrective action taken.)

- 1) None

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work.)

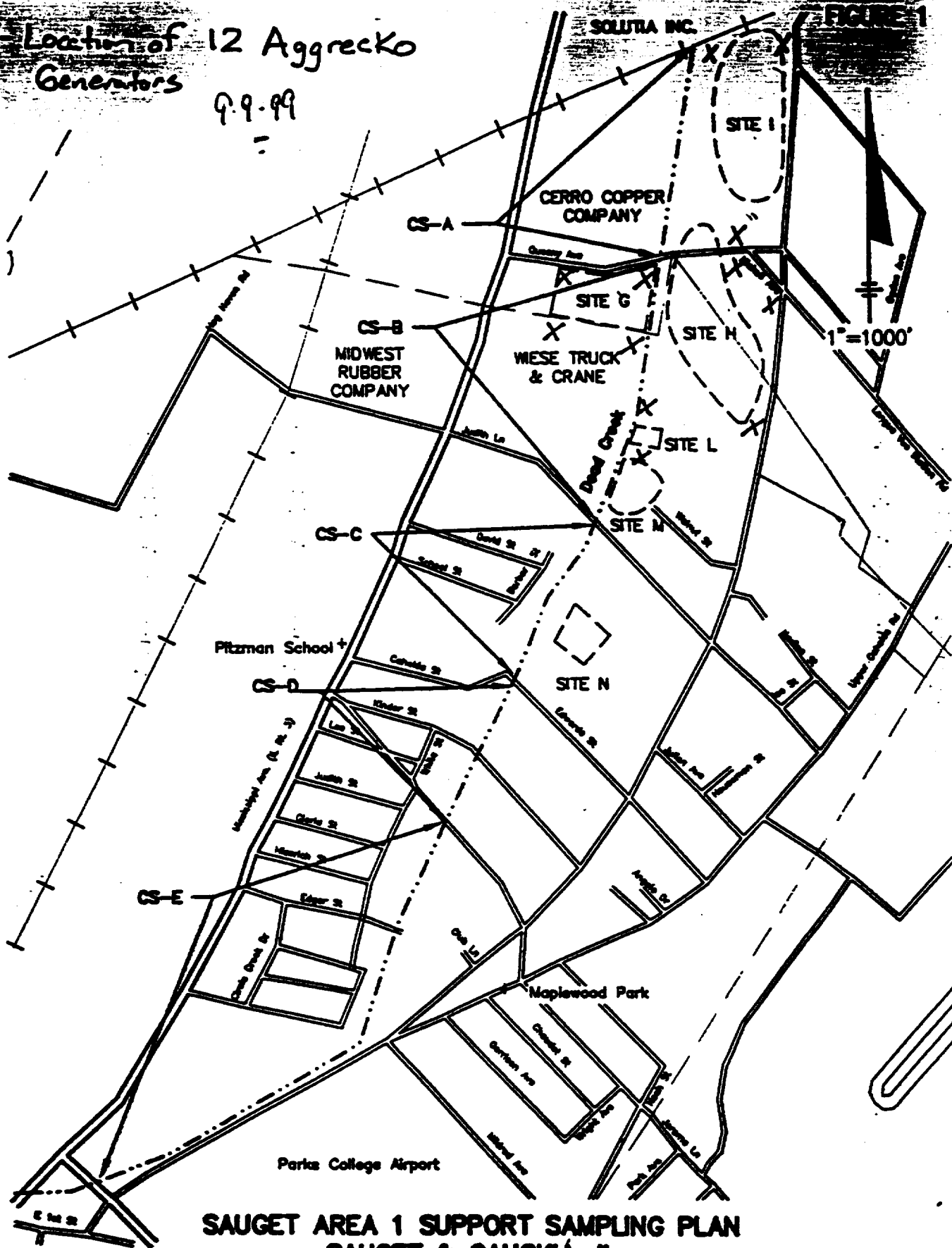
- 1) None

INSPECTOR'S SIGNATURE	DATE	SUPERVISOR'S INITIALS	DATE
	09-09-99	ER	9-24-99

X-Location of 12 Aggrecko
Generators

9.9.99

FIGURE 1



SAUGÉT AREA 1 SUPPORT SAMPLING PLAN
SAUGÉT & CAHOKIA, IL

FILL AREA & CREEK SECTOR LOCATION MAP

PLOT DATE 4/1/99

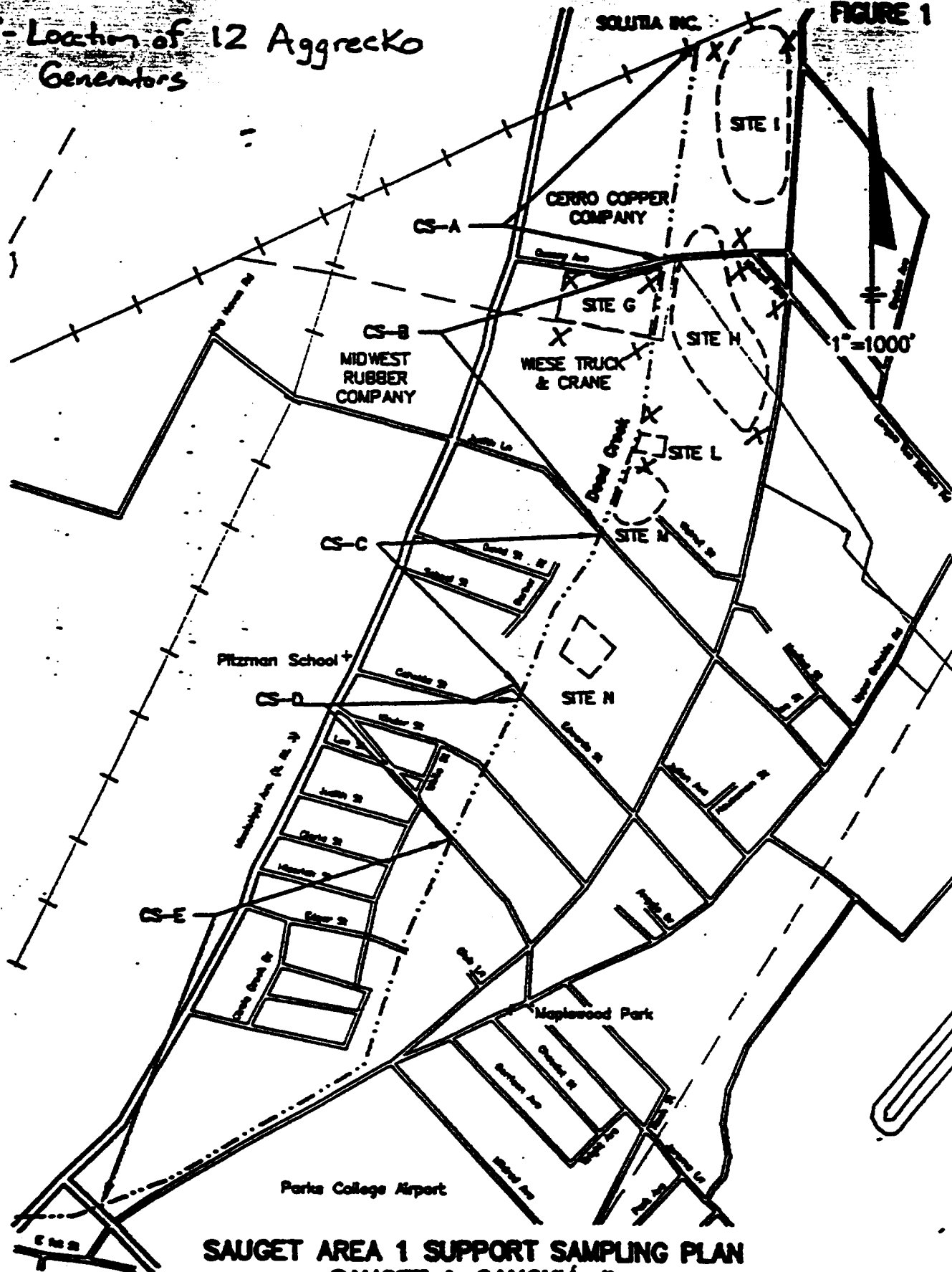
23548.010.05

3/29/99



X- Location of 12 Aggrecko
Generators

FIGURE 1



SAUGET AREA 1 SUPPORT SAMPLING PLAN
SAUGET & CAHOKIA, IL

FILL AREA & CREEK SECTOR LOCATION MAP

NOTE: EACH SET OF 5 DIFFERENT SAMPLES
IS REPRESENTED BY AN "X"

23548.010.05
3/29/99



PLAT DATED 4/1/99

DAILY WORK LOG

DATE 9/9/99

PROJECT NAME Solutia Subject Area 1 PROJECT LOCATION Site 6, H, I, L
 WEATHER Clear Sunny PRECIPITATION None TEMPERATURE 80°F
 NUMBER OF HOURS WORKED 84.5 Hrs NUMBER OF EMPLOYEES 7

1. ITEMS WORKED ON (ITEM NO., DESCRIPTION, STA. TO STA., FOREMAN)
2. INSTRUCTIONS RECEIVED FROM SOLUTIA
3. INSTRUCTIONS RECEIVED FROM USEPA
4. DEVIATIONS
5. VISITORS (NAMES & TITLES)
6. EQUIPMENT
7. LUNCH MEETING COMMENTS
8. UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.)
9. REMARKS:

1) Set-up Generators @ c/I Sample locations on Site 6, H, I, L
 Started up Sampling units @ Site I & H

2) None.

3) None.

4) None.

5) Mike Marks, Aggreco - Generator Supplier

6) Air Samplers, PID, Generators

7) None.

8) Joe ~~Barrow~~ Barrow w/ Cerro was upset that we were starting sampling so late. Asked what the ~~xxxxx~~ we had been doing all day. Informed him that we were setting up generators. He indicated that the Agreement w/ Solutia stated that we were to start our sampling by or before 5:00pm on 9/9/99 and be complete by 5:00pm on 9/10/99. He tried to call Joe Gama about this but could not reach him. He said to just go ahead but that he may have to stop by 5:00pm tomorrow. Discussed w/ John Fure he agreed to go ahead.

9) None.

IF ADDITIONAL SPACE IS REQUIRED,
 RECORD ON REVERSE SIDE

Alan J. Cox / [Signature] 9/9/99
 PRINTED NAME / SIGNATURE OF PREPARER / DATE

SAFETY MEETING FORM

DATE 9/9/99

CONDUCTED BY / COMPANY: DE Haverdink

PROJECT NAME Solutra Sarget Area 1

PROJECT LOCATION

G, L, H & I; string area / S17 R,

WEATHER Clear

PRECIPITATION none

TEMPERATURE -70°F

NUMBER OF HOURS WORKED NA

NUMBER OF EMPLOYEES NA

1. SCHEDULED WORK:

2. REFERENCES TO APPROPRIATE SECTION OF FSP & HASP:

3. HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK:

4. SPECIFIC HEALTH AND SAFETY ISSUES REQUIRING ATTENTION:

5. COMMENTS:

1) Complete calibration & begin set up in field for air sampling

2) FSP: 5.22 Air Sampling
HASP: 2.10 Air Sampling

3) Musculoskeletal injuries - lifting & placing sampling equip.
Dirt in eyes
Slips / falls / trips
Electrical hazards from generators, spools, boxes, power cords

4) Hard hats for overhead work, steel toe boots, long pants, screen ambient site air for VOCs w/ PID

Watch @ RR crossing

ATTENDANCE:

EMPLOYEE NAME (print)

EMPLOYEE SIGNATURE

COMPANY

David Haverdink

David Haverdink

ORC

Joe Beffa

Joe Beffa

ORC

Bill Wright

Bill Wright

ORC

John Fieri

John Fieri

Merrick

Alan Cook

Alan Cook

ORC

Joseph W. Perry

Joseph W. Perry

ORC

Doreen STROMPSON

Doreen STROMPSON

ORC

Rob Neumeier

Rob Neumeier

ORC

IF ADDITIONAL SPACE IS REQUIRED.
RECORD ON REVERSE SIDE

David Haverdink / David Haverdink
PRINTED NAME / SIGNATURE OF PREPARER

9/9/99

DATE

WORK FORECAST

Work Forecast for the day week: 9/9/99

Date: 9/8/99

Project Name: Solutra Sagnet Area 1

Project Location: Site 6, L, H, I

Company Name: O'Brien & Gere

1. List Work Items and Locations Scheduled for Next Day/Week:

1) Move Samplers from Staging Area @ Site R
to Sample Locations in the field

2) Move Generators to Sampling Locations in the field
and connect spider boxes & power cords.

3) Start Sampling event

4) Monitor Magnetometer Readings every 6 hours over
24 hours.

5) Begin laying out Site Bandages for Site L, H, I, & G & M
if time permits.

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

Alan J. Cork / A.J.C. / 9/8/99
Name/Signature/Date of Preparation

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REPORT NO.

004

PROJECT

Solutia Sauget Area 1
Sauget, IL

DATE

10 September 1999

CONTRACT NO.

CONTRACTOR (Or hired labor)

O'Brien Gere

WEATHER

Sunny, Temp.85

CQC Inspection phases attended and instruction given:

1) none

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

- 1) OBG - Start up of remaining sample stations at sites G and L.
- 2) OBG - Asked Alan Cork (OBG) to deliver the daily work logs and the work forecast logs by 10:00 a.m. each day

Verbal instruction given to contractor: (Include names, reactions and remarks)

1) None

Has anything developed on the work which might lead to a change order or finding of fact? NO YES

1) None

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

1) All sample areas are running but collection will run into Saturday afternoon. This delay will not impact the project.

Information, instructions or actions taken not covered on QCR report or disagreement:

1) None

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions From Government personnel. Specify corrective action taken.)

1) None

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work.)

1) Michael Ondrachek on site from Weston to cover for Erik Kemper while on vacation. Erik spent the day with Mike showing him what work OBG will be performing over the next week. Mike is comfortable with the assignment.

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S
INITIALS

DATE

09-10-99

ED

9-24-99

DAILY WORK LOG

DATE 9/10/99

PROJECT NAME Sunset Area 1

PROJECT LOCATION

Site G, H, I, L

WEATHER Clear & Sunny

PRECIPITATION

None

TEMPERATURE

85°F

NUMBER OF HOURS WORKED

93.5

NUMBER OF EMPLOYEES

6

1. ITEMS WORKED ON (ITEM NO., DESCRIPTION, STA. TO STA., FOREMAN)

2. INSTRUCTIONS RECEIVED FROM SOLUTIA

3. INSTRUCTIONS RECEIVED FROM USEPA

4. DEVIATIONS

5. VISITORS (NAMES & TITLES)

6. EQUIPMENT

7. LUNCH MEETING COMMENTS:

8. UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.)

9. REMARKS:

- 1) - Continued to take 6 hr readings on Samplers @ Site H & I
 - Set up Samplers @ Site G & L
 - Tore down Samplers @ Sites H & I
 - Began Backing up Generators & Power Cords for Site H & I

2) None

3) EPA requested that we get daily work logs for previous day & work forecast logs to them sooner. No later than 10:00 am each day

4) None

5) Mike Marks & Gary from Aggreko - Generator Supplier

6) Air Sampling Equipment & Generators

7) Informed workers to get ride in back of trucks or on trailer in future

8) None

9) Cero Green Site Rep - Joe Burroughs was very upset that we ran past the 5:00 pm end time from the agreement w/ Solutia

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

Alan Kork / [Signature] / 9/11/99
PRINTED NAME / SIGNATURE OF PREPARER / DATE

SAFETY MEETING FORM

CONDUCTED BY / COMPANY: AJ Cook / O'Brien & Gere

DATE 9/10/99

PROJECT NAME Solution Subject Area 1 PROJECT LOCATION G, L, H & I & Staging Area

WEATHER Partly Cloudy PRECIPITATION None TEMPERATURE 60°F

NUMBER OF HOURS WORKED _____ NUMBER OF EMPLOYEES _____

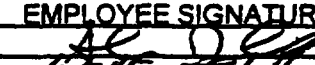
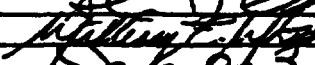




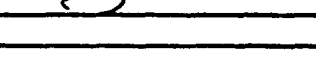
1. SCHEDULED WORK:
2. REFERENCES TO APPROPRIATE SECTION OF FSP & HASP:
3. HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK:
4. SPECIFIC HEALTH AND SAFETY ISSUES REQUIRING ATTENTION:
5. COMMENTS:

1) Finish Setup of Air Sampling units @ Site L & Site G & Turn on
 Finish monitoring readings on Air Samples @ Site H & I
 Begin monitoring readings on Air Samples @ Site G & L
 Begin Tear Down of Samplers @ Site H & I

2) FSP 5.2.2 Air Sampling & HASP Section 2.10 Air Sampling

3) Musculoskeletal Injuries - lifting & placing sampling Equipment & Gear
 Prolapsed Disc
 Slips/Falls/Trips
 Electrical Hazards from generators, Spiders Boxes, Powercords

4) Hard Hats for Air-hand work, steel toe boots, long pants, ~~gloves~~ A
 5) Watch RR crossings

ATTENDANCE:		
EMPLOYEE NAME (print)	EMPLOYEE SIGNATURE	COMPANY
Alan J. Cook		O'Brien & Gere
Wm E. Wright		O'Brien & Gere
Joseph N. Perry		O'Brien & Gere
Joseph D. Bell		O'Brien & Gere
Chen I. Kuyper		O'Brien & Gere
Rob Alexander		O'Brien & Gere
John Hore		Marion

IF ADDITIONAL SPACE IS REQUIRED,
 RECORD ON REVERSE SIDE

Alan J. Cook / AJ Cook
 PRINTED NAME / SIGNATURE OF PREPARER

9/10/99
 DATE

WORK FORECAST

Work Forecast for the day/week: 9/10/99

Date: 9/9/99

Project Name: Solutia Sargent Area 1

Project Location: Site 6, L, H, I

Company Name: O'Brien & Gere

1. List Work Items and Locations Scheduled for Next Day/Week:

- Complete Air Sampling @ Site I & H by \pm 6:00 pm 9/10/99
- Start-up Air Sampling units @ Site 6 & L mid morning
- Check Magnitude Readings every 6-hours on PUF Samplers

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

R. J. [Signature] / Alan L. [Signature] / 9/9/99
Name/Signature/Date of Preparation

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REPORT NO.

005

PROJECT

Solutia Sauget Area 1
Sauget, IL

DATE

11 September 1999

CONTRACT NO.

CONTRACTOR (Or hired labor)

O'Brien Gere

WEATHER

Sunny, Temp.85

CQC Inspection phases attended and instruction given:

1) none

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

1) OBG - Completed sample event

Verbal instruction given to contractor: (Include names, reactions and remarks)

1) None

Has anything developed on the work which might lead to a change order or finding of fact? NO YES

1) None

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

- 1) All sample areas have been completed and equipment demobilized.

Information, instructions or actions taken not covered on QCR report or disagreement:


- 1) None

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions From Government personnel. Specify corrective action taken.)

- 1) None

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work.)

- 1) PM 2.5 Sampler at Site L upwind #1 display screen not functioning properly OBG will check with the manufacturer to determine the reason.

INSPECTOR'S SIGNATURE	DATE	SUPERVISOR'S INITIALS	DATE
	09-11-99	ER	9-24-99

DAILY WORK LOG

DATE 9/11/99

PROJECT NAME Solutra Sunset Area 1 PROJECT LOCATION Site G&L
 WEATHER Partly Cloudy PRECIPITATION None TEMPERATURE 85°F
 NUMBER OF HOURS WORKED 63 hrs NUMBER OF EMPLOYEES 7

1. ITEMS WORKED ON (ITEM NO., DESCRIPTION, STA. TO STA., FOREMAN)
2. INSTRUCTIONS RECEIVED FROM SOLUTIA
3. INSTRUCTIONS RECEIVED FROM USEPA
4. DEVIATIONS
5. VISITORS (NAMES & TITLES)
6. EQUIPMENT
7. LUNCH MEETING COMMENTS:
8. UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.)
9. REMARKS:

1) Completed Taking 6-hr readings on Samplers @ Site G&L
 - Broke Down Samplers and extracted Samples from samplers
 - Packed, G-C, and shipped samples to Savannah Labs & Thruway Labs
 - Packed up sampling equipment & shipped back to Suppliers
 - Aggrero picked up remaining Generator & Power cords

2) None
 3) None
 4) None
 5) None
 6) Air Samplers & Generator
 7) None
 8) None
 9) Upwind #1 PM 2.5 Sampler @ Site 1. Had a problem w/ display screen will discuss w/ CAE to determine nature of problem and whether sample is good or not.

IF ADDITIONAL SPACE IS REQUIRED,
 RECORD ON REVERSE SIDE

Alan J. Cox / ARDEL / 9/11/99
 PRINTED NAME / SIGNATURE OF PREPARER / DATE

SAFETY MEETING FORM

CONDUCTED BY / COMPANY: AFCok / O'Brien & Bee

DATE 9/11/99

PROJECT NAME Solida Street Area 1 PROJECT LOCATION Site 6 SL & Stoney Ave.

WEATHER Partly Cloudy PRECIPITATION None TEMPERATURE 60°F

NUMBER OF HOURS WORKED — NUMBER OF EMPLOYEES —

1. SCHEDULED WORK:
2. REFERENCES TO APPROPRIATE SECTION OF FSP & HASP:
3. HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK:
4. SPECIFIC HEALTH AND SAFETY ISSUES REQUIRING ATTENTION:
5. COMMENTS:
 - 1) Finish collecting 6hr readings @ Samples @ Site 6 SL
 - Turn Down Samples & extract samples
 - Pack Samples for shipment to lab.
 - Pack-up Sampling Equipment for shipment back
 - 2) FSP 5.22 Air Sampling & HASP Section 2.10
 - 3) Musculoskeletal Injuries - Lifting & Placing Equipment & Generators
 - Don't in Eyes
 - Slips / Falls / Trips
 - Electrical Hazards from Generators, spike boxes, & power cords
 - 4) Hard Hats for Overhead work, steel toe boots, long pants
 - 5) Watch RR Crossings
 - No more Riding in back of trucks or trailers.

ATTENDANCE:		
EMPLOYEE NAME (print)	EMPLOYEE SIGNATURE	COMPANY
David Haverdink	<i>David Haverdink</i>	OBG
Rob Hensler	<i>Rob Hensler</i>	OBG
DON THOMPSON	<i>Don Thompson</i>	OBG
Alan Cook	<i>Alan Cook</i>	OBG
Joseph Perry	<i>Joseph Perry</i>	OBG
William Wright	<i>William Wright</i>	OBG
Joseph Breen	<i>Joseph Breen</i>	OBG
Joseph W. Brea	<i>Joseph W. Brea</i>	OBG

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

Alan J. Cook / *Alan J. Cook*
PRINTED NAME / SIGNATURE OF PREPARER

9/11/99
DATE

WORK FORECAST

Work Forecast for the day/week: 9/11/99

Date: 9/11/99

Project Name: Soltau Suet Area 1

Project Location: Site G & L Site R
(Styeging)

Company Name: O'Brien & Gere

1. List Work Items and Locations Scheduled for Next Day/Week:

- Take Ghr readings from samplg equipment @ Site G & L
- Tear down equipment @ Site G & L
- Pack samplg equipment up & ship out
- Package Samples & ship out

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

Alan J. Cork / AEOK / 9/11/99
Name/Signature/Date of Completion

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR.	
	REPORT NO.	006
PROJECT Solutia Sauget Area 1 Sauget, IL	DATE	13 September 1999
	CONTRACT NO.	
CONTRACTOR (Or hired labor) O'Brien Gere	WEATHER	Sunny, Temp.75
CQC Inspection phases attended and instruction given: 1) none		
Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities. 1) All utilities have been located and marked by responsible parties.		
Verbal instruction given to contractor: (Include names, reactions and remarks) 1) None		
Has anything developed on the work which might lead to a change order or finding of fact? NO YES 1) None		

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

- 1) Preparatory Inspection scheduled for 9/14/99 @ 8:00 a.m.

Information, instructions or actions taken not covered on QCR report or disagreement:

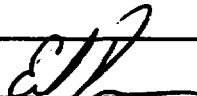
- 1) None

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions From Government personnel. Specify corrective action taken.)

- 1) None

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work.)

- 1)

INSPECTOR'S SIGNATURE	DATE	SUPERVISOR'S INITIALS	DATE
	09-13-99	ER	9-24-99

DAILY WORK LOG

DATE 9/13/99

PROJECT NAME Solutia Superfund Area 1 PROJECT LOCATION Site H, G, L
 WEATHER Clear PRECIPITATION None TEMPERATURE 75°F
 NUMBER OF HOURS WORKED 17 Hrs NUMBER OF EMPLOYEES 3

1. ITEMS WORKED ON (ITEM NO., DESCRIPTION, STA. TO STA., FOREMAN)
2. INSTRUCTIONS RECEIVED FROM SOLUTIA
3. INSTRUCTIONS RECEIVED FROM USEPA
4. DEVIATIONS
5. VISITORS (NAMES & TITLES)
6. EQUIPMENT
7. LUNCH MEETING COMMENTS:
8. UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.)
9. REMARKS:

10. INDICATED UTILITIES

- Loaded up PM 2.5 Samplers for shipment back to CAF
- Review Aerial Photograph / Figures for test trenching & waste Bays
- Met w/ Dan Hans @ Heritage Concerning test trenching

2) Sign & Date & Time when we give reports to Weston / EPA

3) None

4) None

5) Dan Hans w/ Heritage
 Bruce Vace w/ Solutia
 PJ Express for PM 2.5 Sampler Pick-up

6) None

7) None

8) None

9) Did NOT have time to locate boundaries for Site L
 Did not stake sample locations for Air Samplers @ Site H & L yet
 Both will be completed tomorrow

• Given to Weston / EPA @ 9/13/99 1430 Hrs

IF ADDITIONAL SPACE IS REQUIRED,
 RECORD ON REVERSE SIDE

Alan J Gork / *[Signature]* / 9/13/99
 PRINTED NAME / SIGNATURE OF PREPARER / DATE

SAFETY MEETING FORM

CONDUCTED BY / COMPANY: O'Brien & Gere / DE Haverdink DATE 9-13-99
 PROJECT NAME ~~Salina~~ Salina Sargent Area 1 PROJECT LOCATION G.H.I.L.N. ^(Site) Sargent Area
 WEATHER partly cloudy PRECIPITATION none TEMPERATURE ~65°F
 NUMBER OF HOURS WORKED NA NUMBER OF EMPLOYEES NA

1. SCHEDULED WORK:
2. REFERENCES TO APPROPRIATE SECTION OF FSP & HASP:
3. HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK:
4. SPECIFIC HEALTH AND SAFETY ISSUES REQUIRING ATTENTION:
5. COMMENTS:

- ① Meet with utility marking companies; identify boundary trenching locations; meet with trenching sub-contractor; staking of previous air sampling locations (sites G.H.I.)
- ② FSP: 5.1 (test trenching); 5.22 (air samp.)
HASP: 2.1; 2.10
- ③ Trips/falls hazards
Background VOCs in air (below action levels)
Contact w/ irritant/toxic plants
- ④ PPE: level D
- ⑤ Watch RR crossings + uncontrolled intersections around the areas.

ATTENDANCE:

EMPLOYEE NAME (print)	EMPLOYEE SIGNATURE	COMPANY
JOSEPH N PERRY	<i>Joseph N. Perry</i>	O'BRIEN & GERE
Alan J. Cant	<i>Alan J. Cant</i>	O'Brien & Gere
Michael ONGRACHER	<i>Michael A. Ongacher</i>	ROY F. LEBSTON
David Haverdink	<i>David Haverdink</i>	O'Brien & Gere

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

David Haverdink / David Haverdink
 PRINTED NAME / SIGNATURE OF PREPARER

9-13-99
 DATE

WORK FORECAST

Work Forecast for the day/week:

9/13/99

Date: 9/10/99

Project Name:

Solutra Sarget Area I

Project Location:

Sites G, L, H

Company Name:

O'Brien & Gere

1. List Work Items and Locations Scheduled for Next Day/Week:

- Layout boundaries of site L for test trenching. Sites G & H have boundaries preliminarily marked by physical features.
- JULIF has been called all utility clearances for sites should be completed by Monday morning 9/13/99. Test trenching to ~~start~~ start 9/15/99
- Perform four test trenches @ each site (G, L, H) on the preliminarily marked boundary perimeter in order to locate extent of fill. Locations of trenches will be identified in the field w/ Solutra, EPA reps present.
- Note - Access to Site N & I for test trenching has not been approved @ this time. Therefore, test trenching @ perimeter will not occur @ these sites @ this time

WORK FORECAST

Work Forecast for the day/week: 9/13/99

Date: 9/13/99

Project Name: Solutra Sargent Area 1 Project Location: Site H, G, L

Company Name: O'Brien & Gere

1. List Work Items and Locations Scheduled for Next Day/Week:

- Meet w/ utility marking companies
- Identify boundary trenching locations for Site G, H, L
- Meet w/ Dan Hane from Heritage @ 1000am about trenching activities
- Strike Air Sample locations @ Site H & I
- Discuss trenching locations on Site H, G, L w/ Bruce Vane @ 1300 hrs

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

Alan J. Cook / R. O. Ch / 9/13/99
Name/Signature/Date of Preparer

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)
DAILY LOG OF CONSTRUCTION - MILITARY (IR
415-1-302)**

**THE OCR WILL BE ATTACHED TO OR FILED WITH THE
QAR**

REPORT NO.

007

PROJECT

Solutia Sauget Area 1
Sauget, IL

DATE

14 September 1999

CONTRACT NO.

CONTRACTOR (Or hired labor)

O'Brien Gere

WEATHER

Sunny, Temp. 75

CQC Inspection phases attended and instruction given:

1) Preparatory Inspection Meeting for Waste Boundary Trenching - Items of concern include the depth of the trenches, Air monitoring to be performed and PPE requirements.

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

1) None

Verbal instruction given to contractor: (Include names, reactions and remarks)

1) None

Has anything developed on the work which might lead to a change order or finding of fact? NO YES

1) None

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

1)

Information, instructions or actions taken not covered on QCR report or disagreement:

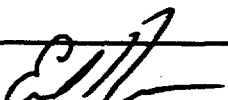
1) None

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify corrective action taken.)

1) None

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work.)

1)

INSPECTOR'S SIGNATURE	DATE	SUPERVISOR'S INITIALS	DATE
	09-14-99	ER	9-27-99

DAILY WORK LOG

DATE 9/14/99

PROJECT NAME Solutia Sargent Area 1 PROJECT LOCATION Site H, I, L
 WEATHER Clear/Sunny PRECIPITATION None TEMPERATURE 75°F
 NUMBER OF HOURS WORKED 15 NUMBER OF EMPLOYEES 3

1. ITEMS WORKED ON (ITEM NO., DESCRIPTION, STA. TO STA., FOREMAN)
2. INSTRUCTIONS RECEIVED FROM SOLUTIA
3. INSTRUCTIONS RECEIVED FROM USEPA
4. DEVIATIONS
5. VISITORS (NAMES & TITLES)
6. EQUIPMENT
7. LUNCH MEETING COMMENTS:
8. UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.)
9. REMARKS:

- 1) Staked out Site L
 - Placed Stakes @ Air Sampling Locations on Site H
 - Placed Stakes @ Air Sampling Locations on Site I
 - Did Preliminary Inspection for Test Trenching @ Boundaries @ Sites L, G, H
 - Will Calibrate / Check PID, RAM 94-Gas Meter to be used on 9/15/99
 - Staged DBK Supplies for Test Trenching tomorrow.
- 2) None
- 3) None
- 4) None
- 5) Don Huns & Lenny Perrone of Hembage - Trenching Contractor
 Capt. Earl Chambers - Cahokia Police Dept
- 6) Excavator to be used by Hembage will be brought on-site and staged @ Site H sometime today.
- 7) None
- 8) None
- 9) None

Given to Weston/EPA @ 1230 on 9/14/99

IF ADDITIONAL SPACE IS REQUIRED,
 RECORD ON REVERSE SIDE

Alan J. Cook / [Signature] / 9/14/99
 PRINTED NAME / SIGNATURE OF PREPARER / DATE

SAFETY MEETING FORM

CONDUCTED BY / COMPANY: DE Haverdink / O'Brien & Gere DATE 9-14-99
 PROJECT NAME Solutia Sarget Area 1 PROJECT LOCATION G.H.I.L. + field st.
 WEATHER clear PRECIPITATION none TEMPERATURE ~65°F
 NUMBER OF HOURS WORKED NA NUMBER OF EMPLOYEES NA

1. SCHEDULED WORK:
2. REFERENCES TO APPROPRIATE SECTION OF FSP & HASP:
3. HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK:
4. SPECIFIC HEALTH AND SAFETY ISSUES REQUIRING ATTENTION:
5. COMMENTS:

- ① • Locate boundaries for Site L boundary trenching
 • place stakes at air sampling locations on Sites H + I
 • Heritage (trenching subcontractor) will begin mobilization
 • Prelim. inspection for test trenching
 • Stage equip. for test trenching
 • check PID, RAM, and 4-gas meter operation for trenching activities; calibrate as needed
- ② FSP → 5.1 ; HASP → 2.1
- ③ Hazards: Slips/trips/falls/muscle strain
Contact w/ irritant plants
- ④ PPE: Level D
- ⑤ Watch uncontrolled intersections + RR tracks.

ATTENDANCE:

EMPLOYEE NAME (print)	EMPLOYEE SIGNATURE	COMPANY
David Haverdink	<i>[Signature]</i>	O'Brien & Gere
David J. Heas	<i>[Signature]</i>	Heritage
Leann Peters	<i>[Signature]</i>	Heritage
JOSEPH W. PERRY	<i>[Signature]</i>	O'BRIEN & GERE
Alan J. Cull	<i>[Signature]</i>	O'Brien & Gere
Michael R. Garraffini	<i>[Signature]</i>	Ray F. Weston
John Fiore	<i>[Signature]</i>	Maxim
Kimberly Perry	<i>[Signature]</i>	Solutia

Distributed to Solutia + Weston @ 9:45 pm on 9/14/99

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

David Haverdink / David Heas
 PRINTED NAME / SIGNATURE OF PREPARER

9-14-99

DATE

WORK FORECAST

Work Forecast for the day/week:

9/14/99

Date:

9/13/99

Project Name:

Solutia Sunset Area 1

Project Location:

Site H, L, I

Company Name:

O'Brien & Gere

1. List Work Items and Locations Scheduled for Next Day/Week:

- Locate Boreholes for Site L Trenching
- Place Stakes @ Air Supply Location @ Site H & I
- Venting will begin to move to Site
- Preliminary Inspection for Test Trenching to be performed
- Stage Equipment for Test Trenching
- Check PID, RAM 4-Gas Meter Operation for trenching activities. Calibrate where necessary.

• Given to Western / EPA @ 1430 on 9/13/99

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

Alan J. Cook / ALC / 9/13/99
Name/Signature/Date of Preparation

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)
DAILY LOG OF CONSTRUCTION - MILITARY (ER
415-1-302)**

**THE OCR WILL BE ATTACHED TO OR FILED WITH THE
QAR.**

REPORT NO.

008

PROJECT

Solutia Sauget Area 1
Sauget, IL

DATE

15 September 1999

CONTRACT NO.

CONTRACTOR (Or hired labor)

O'Brien Gere

WEATHER

Sunny, Temp. 75

CQC Inspection phases attended and instruction given:

1) None

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

1) Begin Waste Boundary Trenching at Site L

Verbal instruction given to contractor: (Include names, reactions and remarks)

1) None

Has anything developed on the work which might lead to a change order or finding of fact? NO YES

1) None

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

1)

Information, instructions or actions taken not covered on QCR report or disagreement:

1) None

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify corrective action taken.)

1) Commented that OBG's subcontractor was not following protocol for PPE usage, They did not tape wrists or ankles on their Tyvek. OBG addressed and corrected the situation.

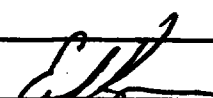

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work.)

1) Three trenches performed on Site L

East-Determined boundary not found, Will move over and try again

West-Based on air monitoring and visual discoloration of soil the boundary has been detected

South- Based on air monitoring and visual discoloration of soil the boundary has been detected

	DATE	SUPERVISOR'S INITIALS	DATE
	09-15-99		9-27-99

DAILY WORK LOG

DATE 9-15-99

PROJECT NAME Solutia - Saugat Area 1 PROJECT LOCATION Site L
 WEATHER partly cloudy PRECIPITATION none TEMPERATURE ~76°
 NUMBER OF HOURS WORKED 29.5 NUMBER OF EMPLOYEES 4

1. ITEMS WORKED ON (ITEM NO. DESCRIPTION, STA. TO STA., FOREMAN)
2. INSTRUCTIONS RECEIVED FROM SOLUTIA
3. INSTRUCTIONS RECEIVED FROM USEPA
4. DEVIATIONS
5. VISITORS (NAMES & TITLES)
6. EQUIPMENT
7. LUNCH MEETING COMMENTS
8. UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.)
9. REMARKS:

- (1) FSP # 5.1 - Boundary delineation, test trenches in fill areas
 Three (3) trenches were excavated, photographed and described in a log book, and back-filled on Site L. Trenches were located on the east, west, and south fill boundaries.
- (2) None.
- (3) None.
- (4) Working hours on site were extended to approximately 6pm with verbal approval from Solutia. Normal working hours were not enforced since the site is not in a residential area.
- (5) See attached visitor logs.
- (6) Komatsu track-mounted excavator with extended arm
 Health and safety equipment
 Support vehicles
- (7) Mike Ondrack of Weston offered some health and safety comments regarding worker movement in and out of exclusion zone and PPE practices of the tracking subcontractor.
 Mike's comments were addressed during subsequent work.
- (8) None.
- (9) Groundwater was typically encountered at 13'-14.5' below grade. The PID readings were consistently 0.0ppm during excavation, observed in the breathing zone and at occasional discolored excavated soil.

IF ADDITIONAL SPACE IS REQUIRED,
 RECORD ON REVERSE SIDE

David Haverdink / David Haverdink / 9-15-99
 PRINTED NAME / SIGNATURE OF PREPARER / DATE

SAFETY MEETING FORM

CONDUCTED BY / COMPANY: DE Havertink / O'Brien + Gere

DATE 9-15-99

PROJECT NAME Solutra Sagar Area 1

PROJECT LOCATION

Site 4

WEATHER over cast

PRECIPITATION

TEMPERATURE ~65°F

NUMBER OF HOURS WORKED

NUMBER OF EMPLOYEES

NA

1. SCHEDULED WORK:
2. REFERENCES TO APPROPRIATE SECTION OF FSP & HASP:
3. HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK:
4. SPECIFIC HEALTH AND SAFETY ISSUES REQUIRING ATTENTION:
5. COMMENTS:

- ① Boundary confirmation trenching at Site L, possible set-up activities for trenching at site G.
- ② FSP: 5:1, HASP: 2:1
- ③ Potential contact w/ hazardous materials (VOCs, SVOCs, particulates, combustible gases), splashing or impacted water, trench caving, noise
- ④ PPE: level C initial w/ level R on-hand, air monitoring w/ PID, RAM, & 4-gas meter - PPE upgrade/downgrade per air monitoring ~~test~~ results
- ⑤ May need to have dust suppression available, especially on ~~the~~ site L
Report any unsafe conditions, illnesses, or injuries immediately to contractor supervision and Solstice - also spills
Only personnel w/ 40-hr OSHA HAZWOPER certification allowed on Site L
Smoking not permitted on ~~the~~ exclusion ~~restriction~~ zone(s) or in field etc buildings
Only office & general wastes @ field etc trash, other waste placed @ Judith Ln. site.

ATTENDANCE:

EMPLOYEE NAME (print)

EMPLOYEE SIGNATURE

COMPANY

David Harvordink
William E. Wright
Kibben & Peck
John F. Hove
Michael O. Anderson
Adam I. Crick
Don Hale
Lenny Keene
Patrick Lockhart

David Howard
William F. Herbert
W. F. Herbert
Marion L. Pollock
James P. Mann
The Erie Canal
Herbert Lockhart

O'Brien & Gere
O'Brien & Gere
Sullivan
Maxwell
2F (Boston)
O'Brien & Gere
Heritage
Heritage
Heritage

**IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE**

David Haversink / David Haversink
PRINTED NAME / SIGNATURE OF PREPARER

9-15-99

DATE _____

WORK FORECAST

Work Forecast for the day/week: 9/15/99

Date: 9/14/99

Project Name: Solutia Sunset Area 1

Project Location: Site L

Company Name: O'Brien & Gere

1. List Work Items and Locations Scheduled for Next Day/Week:

- Begin Test Trenching @ Site L. Complete 4 test
trenches & document findings using log books &
digital cameras. Will document trench dimensions,
nature of materials encountered, and approximate boundary
location.

Given to Weston/EPA @ 12:30 on 9/14/99

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

Alan J. Cook / A.J.C. / 9/14/99
Name/Signature/Date of Preparer

INSPECTORS QUALITY ASSURANCE REPORT (QAR)
DAILY LOG OF CONSTRUCTION - MILITARY (ER
415-1-302)

THE OCR WILL BE ATTACHED TO OR FILED WITH THE
QAR.

REPORT NO.

009

PROJECT

Solutia Sauget Area 1
Sauget, IL

DATE

16 September 1999

CONTRACT NO.

CONTRACTOR (Or hired labor)

O'Brien Gere

WEATHER

Sunny, Temp. 75

CQC Inspection phases attended and instruction given:

1) None

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

1) Continue Waste Boundary Trenching at Site L

Verbal instruction given to contractor: (Include names, reactions and remarks)

1) None

Has anything developed on the work which might lead to a change order or finding of fact? NO YES

1) None

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

1) None

Information, instructions or actions taken not covered on QCR report or disagreement:

1) None

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions From Government personnel. Specify corrective action taken.)

1) Reminded OBG to have Heritage Tape wrists.


REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work.)

1) Two trenches performed on Site L

East #2- begin 17 Feet east of trench #1 extended 49 feet east encountered waste at 43 feet east. Determined boundary has been located by visual discoloration of the soil.

North-Trench extended 94 feet south of the assumed boundary waste found at 88 feet south. Based on air monitoring and visual discoloration of soil the boundary has been detected PID readings of 100+ in the soil

All trenches have been backfilled and marked with lath for identification.

	DATE	SUPERVISOR'S INITIALS	DATE
	09-16-99	ER	9-27-99

WORK FORECAST

Work Forecast for the day/week: 9-16-99

Date: 9-15-99

Project Name: Solutra-Sauget Area 1

Project Location: Sites L & G

Company Name: O'Brien & Gere

1. List Work Items and Locations Scheduled for Next Day/Week:

Fill
Boundary trenching at north boundary at Site L; also an
additional trench (to groundwater) approximately 15'-20'
west of the Site L east boundary trench for lithology comparison.

Boundary trenching at Site G, including access activities in
the overgrown vegetated area.

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

David Haroldink / David Haroldink / 9-15-99
Name/Signature/Date of Preparer

DAILY WORK LOG

DATE 9-16-99

PROJECT NAME Solutia - Scept Area 1

PROJECT LOCATION Sites L & G

WEATHER mostly sunny

PRECIPITATION none

TEMPERATURE ~75°

NUMBER OF HOURS WORKED 29

NUMBER OF EMPLOYEES 3

1. ITEMS WORKED ON (ITEM NO. DESCRIPTION STA TO STA. FOREMAN)

2. INSTRUCTIONS RECEIVED FROM SOLUTIA

3. INSTRUCTIONS RECEIVED FROM USEPA

4. DEVIATIONS

5. VISITORS (NAMES & TITLES)

6. EQUIPMENT

7. LUNCH MEETING COMMENTS

8. UNUSUAL EVENTS (FIRE FLOOD STORM LABOR DISPUTES, ETC.)

9. REMARKS

(1) Boundary trenching (FSP #3.1) in 2 locations at Site L and clearing for work areas at Site G. "Trench 4" completed at Site L on N. fill boundary and "Trench 1A" completed at Site L on E. fill boundary.

Clearing of vegetation occurred for trenching at Site G's N. and W. fill boundaries

(2) None.

(3) None.

(4) None.

(5) See attached site visitor logs.

(6) Komatsu PC150LC track hoe, w/ ~20' dig depth capability.
Health & safety equipment
Support vehicles

(7) None.

(8) None.

(9) Trench 4 extended ~94' S. of the assumed fill boundary, encountering fill/impaired material at ~88' S. of the assumed fill boundary. Trench 1A began ~17' E. of Trench 1 and extended ~49' E., encountering fill/impaired material at ~43' E. of the ~~the~~ trench starting point.

Groundwater was encountered at ~13'-14' below grade.

Submitted to Warton 9-17-99 at 7:15 am

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

David Harsdink / David Harsdink / 9-16-99
PRINTED NAME / SIGNATURE OF PREPARER / DATE

SAFETY MEETING FORM

CONDUCTED BY: DE Howardink / O'Brien & Gere DATE 9-16-99

PROJECT NAME Solutra - Sargent Area 1 PROJECT LOCATION Sites L & G

WEATHER clear PRECIPITATION none TEMPERATURE ~56°F

NUMBER OF HOURS WORKED NA NUMBER OF EMPLOYEES NA

- 1 SCHEDULED WORK:
- 2 REFERENCES TO APPROPRIATE SECTION OF ESP & HASP:
- 3 HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK:
- 4 SPECIFIC HEALTH AND SAFETY ISSUES REQUIRING ATTENTION:
- 5 COMMENTS:

- (1) Boundary confirmation trenching at Site L (Grid) and Site G (begin)
- (2) ESP: 5.1 ; HASP: 2.1
- (3) Potential contact with hazardous materials (VOCs, SVOCs, particulates, combustible gases), splashing of impacted water, trench caving, noise, irritant plants, tripping hazards (especially Site G)
- (4) PPE: level C initial w/ IS on hand, air monitoring w/ PID, RM & 4-gas meter ; PPE upgrade/downgrade per air monitoring results
- (5) Only 40-hr OSHA-trained people in exclusion zone or near down-area.
Smoking limited to smoker vehicles.
Segregate PPE trash and general trash

ATTENDANCE:

EMPLOYEE NAME (print)	EMPLOYEE SIGNATURE	COMPANY
David Howardink	<i>David Howardink</i>	O'Brien & Gere
PATRICK WRIGHT	<i>Patrick Wright</i>	HERITAGE
Larry K. Perry	<i>Larry K. Perry</i>	HERITAGE
JOSEPH N. PERRY	<i>Joseph N. Perry</i>	O'BRIEN & GERE
MICHAEL OMBRENEK	<i>Michael Ombrenek</i>	ROY F. WESTON
DAVID HEINE	<i>David Heine</i>	CONOK & PD
William E. Wright	<i>William E. Wright</i>	O'Brien & Gere

Submitted to Weston 9/17/99 at 2:15pm

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

David Howardink 9-16-99
SIGNATURE OF PREPARER
David Howardink

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR.	
	REPORT NO.	010
PROJECT Solutia Sauget Area 1 Sauget, IL	DATE	17 September 1999
	CONTRACT NO.	
CONTRACTOR (Or hired labor) O'Brien Gere	WEATHER	Sunny, Temp.75
CQC Inspection phases attended and instruction given: 1) None		
Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities. 1) Begin Waste Boundary Trenching at Site G		
Verbal instruction given to contractor: (Include names, reactions and remarks) 1) None		
Has anything developed on the work which might lead to a change order or finding of fact? <u>NO</u> YES 1) None		

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

1) None

Information, instructions or actions taken not covered on QCR report or disagreement:

1) None

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify corrective action taken.)

1) Reminded OBG to have Heritage Tape wrists again.

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work.)

1) Two trenches performed on Site G

West #1-Excavated for 67 feet at over 14 feet deep (ground water) and found no signs of waste

West #2-Moved North 30 feet and started again. Trench extended 73 feet and waste was encountered the entire way, (at least five portions of drums in all) photographs were taken for documentation.

DATE

SUPERVISOR'S
INITIALS

DATE

09-17-99

ER

9-27-99

DAILY WORK LOG

DATE 9/17/99

PROJECT NAME Solutia Sanyet Area 1

PROJECT LOCATION

Site G

WEATHER Sunny Clear

PRECIPITATION

None

TEMPERATURE Mild 70

NUMBER OF HOURS WORKED 29

NUMBER OF EMPLOYEES 3

1. ITEMS WORKED ON (ITEM NO., DESCRIPTION, STA. TO STA., FOREMAN)
2. INSTRUCTIONS RECEIVED FROM SOLUTIA
3. INSTRUCTIONS RECEIVED FROM USEPA
4. DEVIATIONS
5. VISITORS (NAMES & TITLES)
6. EQUIPMENT
7. LUNCH MEETING COMMENTS:
8. UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.)
9. REMARKS:

1) Boundary Trenching (ESP 5.1) in 2 locations @ Site G and clearing for 0 work areas @ Site G. Completed Test Trench 1 & 1A on the west end of site G

2) None

3) None, Weston asked that Heritage Labor tape the boat & glove "breaks" with Duct tape. Heritage complied

4) None

5) See Site Visitors Log Attached

6) Kوماتر PC150LC trackhoe, w/ ~20' dig depth, Capability Health & Safety Equipment Support Vehicles

7) None

8) None

9) Trench 1 extended ~ 67' from starting point near Site G fence on W. site boundary. Fill area not encountered - uniform soil types over trench length. Groundwater was encountered at ~ 14' below grade.

Trench 1A extended ~ 79', located parallel to trench 1 (1A is N. of 1). Fill not encountered over entire trench area, at shallow depth.

Submitted to Weston on 9/17/99 @ 4:20

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

David Harodak / David Harodak / 9-17-99
PRINTED NAME / SIGNATURE OF PREPARER / DATE

Alan Cook / Alan Cook / 9-17-99

SAFETY MEETING FORM

CONDUCTED BY / COMPANY: David Howardink / O'Brien & Gere DATE 9-17-99
 PROJECT NAME Salitra - Sanger Area 1 PROJECT LOCATION Site G
 WEATHER Clear PRECIPITATION None TEMPERATURE ~60°F
 NUMBER OF HOURS WORKED N/A NUMBER OF EMPLOYEES N/A

1. SCHEDULED WORK:

2. REFERENCES TO APPROPRIATE SECTION OF FSP & HASP:

3. HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK:

4. SPECIFIC HEALTH AND SAFETY ISSUES REQUIRING ATTENTION:

5. COMMENTS:

① Boundary trenching and clearing of vegetation.

② FSP: 5.1 ; HASP: 2.1

③ Potential exposure to: hazardous wastes and materials, drums of waste, splashing of impacted water, trench caving, noise, irritant plants, tripping/falling, combustible gases, impacted dust, organic chemicals in air.

④ PPE: level C initial w/ level R available, air monitoring w/ PID, RAN, and 4-gas meter; PPE upgrade/downgrade based on air monitoring results; have overpack drums available

⑤ Only 40-hr OSHA HAZWOPER certified personnel on site
 Smoking only in vehicles or off-site
 Segregate PPE waste and general waste
 Go through decon zone after exiting exclusion zone; from decon zone either go back to exclusion zone w/ PPE or enter support zone w/o PPE

ATTENDANCE:

EMPLOYEE NAME (print)	EMPLOYEE SIGNATURE	COMPANY
David Howardink	<i>David Howardink</i>	OBG
Patrice Lockhart	<i>Patrice Lockhart</i>	HEATING
Jenny Keene	<i>Jenny Keene</i>	HEATING
Alvin Cook	<i>Alvin Cook</i>	OBG
Joseph W. Perry	<i>Joseph W. Perry</i>	OBG
Thomas R. O'Rourke	<i>Thomas R. O'Rourke</i>	North Western
John Furt	<i>John Furt</i>	Maynick

Given to Western @ 3:50pm on 9/17/99

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

David Howardink / David Howardink
 PRINTED NAME / SIGNATURE OF PREPARER

9-17-99

DATE

WORK FORECAST

Work Forecast for the day/week: 9-17-99

Date: 9-16-99

Project Name: Solutra - Sanget Area 1

Project Location: Site G

Company Name: O'Brien & Gere

1. List Work Items and Locations Scheduled for Next Day/Week:

Begin trenching at N. and W. fill boundaries, clear and
trench at S. fill boundary, clear and possibly trench at
E. fill boundary.

Submitted to Weston 9-17-99 at 7:15am
(verbally on 9-16-99)

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

David Harwood / 9-16-99
Name Signature/Date of Preparer

INSPECTORS QUALITY ASSURANCE REPORT (QAR)
DAILY LOG OF CONSTRUCTION - MILITARY (ER
415-1-302)

THE OCR WILL BE ATTACHED TO OR FILED WITH THE
QAR.

REPORT NO.

011

PROJECT

Solutia Sauget Area 1
Sauget, IL

DATE

20 September 1999

CONTRACT NO.

CONTRACTOR (Or hired labor)

WEATHER

Cloudy, Temp. 72

O'Brien Gere / Menzie Cura

CQC Inspection phases attended and instruction given:

- 1) OBG - Preparatory Inspection Meeting for Piezometer Installation
- 2) Menzie Cura - Preparatory Inspection Meeting for Ecological Recon Survey

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

- 1) Continue Waste Boundary Trenching at Site G
- 2) Begin piezometer installation at site P2-C

Verbal instruction given to contractor: (Include names, reactions and remarks)

- 1) None

Has anything developed on the work which might lead to a change order or finding of fact? NO YES

- 1) None

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

1) None

Information, instructions or actions taken not covered on QCR report or disagreement:

1) None

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify corrective action taken.)

1) None

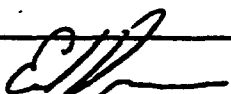
REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work.)

OBG

1. Three trenches performed on Site G, One trench on Site H
2. North G - Began at fence, Boundary established by discolored soil and PID readings of 100+
3. South G - Trench moved north of original location to the tree line due to wetland area.
4. Waste found immediately in a thin lift and continued as they moved north. Drum pieces, Construction debris, and stained soil were all present.
5. East G - Waste and debris located, boundaries marked
6. North H - Started excavation as close to Queeny Ave. as possible due to utilities, construction debris and high PID readings (300 PPM) but the Boundary appears to continue under the road as expected.
7. Placed four piezometers P2-C-D, P2-C-M, P2-C-S, P2-B-M

Menzie Cura

1. Prepare for Eco-Recon Survey

	DATE	SUPERVISOR'S INITIALS	DATE
	09-20-99	EK	9-27-99

DAILY WORK LOG

DATE 9/20/99
 P2-C-S,M,D } Regional
 P2-B-M,D } Flow
 piezometer

PROJECT NAME Solutra Sagueta Area 1

PROJECT LOCATION

WEATHER Cloudy

PRECIPITATION None

TEMPERATURE 72°F

NUMBER OF HOURS WORKED 23.5

NUMBER OF EMPLOYEES 2

1. ITEMS WORKED ON (ITEM NO. DESCRIPTION STA. TO STA. FOREMAN)
2. INSTRUCTIONS RECEIVED FROM SOLUTIA
3. INSTRUCTIONS RECEIVED FROM USEPA
4. DEVIATIONS
5. VISITORS (NAMES & TITLES)
6. EQUIPMENT
7. LUNCH MEETING COMMENTS
8. UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.)
9. REMARKS

1) Marked Locations for P2-A-S,M,D P3-A-S,M,D
 P2-B-S,M,D P3-B-S,M,D
 P2-C-S,M,D

2) Installed Piezometer Cluster on Southeast corner of Keely Property
 P2-C-S,M,D

Installed Piezometer @ cluster location just west of Dead Creek North
 of Judith Lane - P2-B-M

Had refusal on Deep Piezometer @ P2-B @ ±54' will discuss
 w/ Agency tomorrow about adequacy of need to hollow stem auger
 to 60'

2) None

3) pumped 5 gallons into tank on Judith Lane from Trenching decon water

4) pumped 20 gallons decon water into tank on Judith Lane

5) Eric Kemper w/ Weston

6) Geoprobe Rig

7) None

8) None

9) May need to consider using hollow stem augers for P3-B-D was refused
 with reprobe at 54.5 feet, will evaluate at each location.
 Gwent to Weston @ 17:45 on 9/20/99

IF ADDITIONAL SPACE IS REQUIRED.
 RECORD ON REVERSE SIDE

Alan J. Clark / [Signature] / 9/20/99
 PRINTED NAME / SIGNATURE OF PREPARER / DATE

DAILY WORK LOG

DATE 9-20-99

PROJECT NAME Solutra - Sunset Area 1

PROJECT LOCATION Sites G & H

WEATHER mostly cloudy

PRECIPITATION none

TEMPERATURE -70°F

NUMBER OF HOURS WORKED 20

NUMBER OF EMPLOYEES 2

- 1 ITEMS WORKED ON (ITEM NO DESCRIPTION STA TO STA. FOREMAN)
- 2 INSTRUCTIONS RECEIVED FROM SOLUTRA
- 3 INSTRUCTIONS RECEIVED FROM USEPA
- 4 DEVIATIONS
- 5 VISITORS (NAMES & TITLES)
- 6 EQUIPMENT
- 7 LUNCH MEETING COMMENTS
- 8 UNUSUAL EVENTS (FIRE FLOOD STORM LABOR DISPUTES ETC.)
- 9 REMARKS:

(1) Boundary test trenching at Sites G and H. Trenches 2, 3, and 4 (N. S. and W. fill boundaries) on Site G were completed and trench 1 (N. fill boundary) on Site H was completed.
ESP # S.1

(2) none

(3) "

(4) "

(5) See attached visitors logs

(6) Komatsu PC150 LC track hoe with ~20' dig depth
Health and safety equipment
Support vehicles

(7) none

(8) "

(9) "

submitted to Weston 9-20-99 @ 5:15pm

IF ADDITIONAL SPACE IS REQUIRED.
RECORD ON REVERSE SIDE

David Harsdink / David Harsdink / 9-20-99
PRINTED NAME / SIGNATURE OF PREPARER / DATE

DAILY WORK LOG

DATE 9/20/99

PROJECT NAME Solutia Sargent Area 1 PROJECT LOCATION Deed Creek

WEATHER overcast PRECIPITATION none TEMPERATURE 70°

NUMBER OF HOURS WORKED ~ 4 NUMBER OF EMPLOYEES 2

1. ITEMS WORKED ON (ITEM NO., DESCRIPTION, STA. TO STA., FOREMAN)

2. INSTRUCTIONS RECEIVED FROM SOLUTIA

3. INSTRUCTIONS RECEIVED FROM USEPA

4. DEVIATIONS

5. VISITORS (NAMES & TITLES)

6. EQUIPMENT

7. LUNCH MEETING COMMENTS:

8. UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.)

9. REMARKS:

1. a) observed access points for Berrow Pit & creek segments

b) selected sample locations in CS E

Given to western 9/21/99 8:45am

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

Chats Menzie / [Signature] / 9/21/99
PRINTED NAME / SIGNATURE OF PREPARER / DATE

SAFETY MEETING FORM

CONDUCTED BY / COMPANY: Alan Cork / O'Brien & Gere

DATE 9/20/99

PROJECT NAME Sanget Area 1

PROJECT LOCATION

Regional 6W Flow Piezometer

WEATHER Over-cast

PRECIPITATION

Trace

TEMPERATURE

70°F

NUMBER OF HOURS WORKED _____

NUMBER OF EMPLOYEES _____

1. SCHEDULED WORK:
2. REFERENCES TO APPROPRIATE SECTION OF FSP & HASP:
3. HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK:
4. SPECIFIC HEALTH AND SAFETY ISSUES REQUIRING ATTENTION:
5. COMMENTS:
 - 1) Installation of Regional 6W Flow Piezometers
 - 2) FSP Section 5.6.3 & 5.3.3 HASP Section
 - 3) Moving Mechanical Equipment, Slips/Falls, plants such as poison ivy, etc, Handling Spoils During
 - 4) Not specifically addressed in HASP, will propose Mod Level 1D except for one just west of Dead creek between Lulu & Queeny/16. Will monitor holes w/ PID, RAM, 4-lin. Meter
 - 5) None

ATTENDANCE:

EMPLOYEE NAME (print)

EMPLOYEE SIGNATURE

COMPANY

Alan J Cork

[Signature]

O'Brien & Gere

Tim Harriss

[Signature]

Marries Drilling

Kimberly Perry

[Signature]

Solutia

John Farris

[Signature]

Maxerick

Eric Koppert

[Signature]

RFW

Bill Wright

[Signature]

O'Brien & Gere

Consent to Work @ O&G on 9/20/99

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

Alan J Cork / [Signature]
PRINTED NAME / SIGNATURE OF PREPARER

9/20/99
DATE

SAFETY MEETING FORM

DATE 9-20-99CONDUCTED BY: DE Haverdink / O'Brien & GerePROJECT NAME Slutia - Sumpf Area 1

PROJECT LOCATION

Sites G & HWEATHER partly/mostly cloudy

PRECIPITATION

overnightTEMPERATURE -65°F

NUMBER OF HOURS WORKED

NA

NUMBER OF EMPLOYEES

NA

1 SCHEDULED WORK:

2 REFERENCES TO APPROPRIATE SECTION OF FSP & HASP:

3 HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK:

4 SPECIFIC HEALTH AND SAFETY ISSUES REQUIRING ATTENTION:

5 COMMENTS:

① Boundary test trenching @ Site G② FSP: 5:1 ; HASP: 2:1③ Potential exposure to hazardous wastes & materials, trench caving, contact with irritant plants, slips/trips/falls, respiration of VOCs, SVOCs, particulates, exposure to combustible gases, noise, splashing of impacted water.④ PPE: Level C w/ Level B available, Air monitoring for VOCs, particulates, and combustible gases; upgrade/downgrade of PPE based on air monitoring results, safe distances & excavator bucket used when taking photos and measuring near trenches⑤ Smoking in vehicles only
only OSHA 40hr. trained personnel on site
segregate PPE & general wastes
observe exclusion & decon zones

ATTENDANCE:

EMPLOYEE NAME (print)

EMPLOYEE SIGNATURE

COMPANY

David HaverdinkDavid HaverdinkO'Brien & GereKENNETH W. PERRYKenneth W. PerryHEALINGPATRICK LOCKHARTPatrick LockhartHEALINGJOSEPH W. PERRYJoseph W. PerryO'BRIEN & GERER. DAMON PIPERAKR. Damon PiperakCANOKIA P.D.Submitted to Weston 9-20-99 @ 5:15pmIF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDEDavid Haverdink / David O'Brien 9-20-99
SIGNATURE OF PREPARER

SAFETY MEETING FORM

CONDUCTED BY / COMPANY: Charlie Menzie / Menzie - Cur

DATE 9/20/99

PROJECT NAME Sungat Area 1

PROJECT LOCATION Dead Creek, Boran P.t

WEATHER Overcast

PRECIPITATION None

TEMPERATURE ~70°F

NUMBER OF HOURS WORKED _____

NUMBER OF EMPLOYEES _____

1. SCHEDULED WORK:
2. REFERENCES TO APPROPRIATE SECTION OF FSP & HASP:
3. HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK:
4. SPECIFIC HEALTH AND SAFETY ISSUES REQUIRING ATTENTION:
5. COMMENTS:

- 1) conduct recon survey for eco - qualitative exam
- 2) Eco Risk Assessment GAPP/HASP Sect 4.2.1
- 3) avoid direct skin/eye contact with creek sediment & water -
- 4) wear rubber waders while in creek, gloves when touching sediment/water, eye protection
- 5) None

ATTENDANCE:

EMPLOYEE NAME (print)

Katherine Fogarty
John F. Farris
Robert J. Perry
Rich Kumpf
Charles Menzie
John Farris

EMPLOYEE SIGNATURE

Katherine Fogarty
Robert J. Perry
Rich Kumpf
Charles Menzie

COMPANY

Menzie - Cur
Menzie - Cur
501-111
REW
Menzie - Cur
Maverick

Given to Weston at 3:55pm on 9/20/99

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

Charles Menzie
 PRINTED NAME / SIGNATURE OF PREPARER

9/20/99

DATE

WORK FORECAST

Work Forecast for the day/week: 9/20/99

Date: 9/17/99

Project Name: Solutra Sunset Area 1 Project Location: Site G & H - Tren
Between Quarry Blvd. & Ln. - Pic

Company Name: O'Brien & Gere Engineers

1. List Work Items and Locations Scheduled for Next Day/Week:

- Will work to Complete Trenching @ Site G
- Will hold Prep Inspection for Regional Piezometer installation
- Will initiate trenching @ Site H if time permits

Over to Weston @ 4:15pm on 9/17/99

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

Alan J. Gark / [Signature] / 9/17/99
Name/Signature/Date of Preparer

WORK FORECAST

Work Forecast for the day/week: 9/20/99

Date: 9/16/99

Project Name: Solute Sump Area 1

Project Location: Site H, I, L, G, M

Company Name: O'Brien & Gere Engineers

1. List Work Items and Locations Scheduled for Next Day/Week:

- Begin laying out Regional Piezometer locations and waste sample locations.
- Begin to install Regional Piezometer from 9/20/99 to 9/27/99
Task covered under Section 5.6.3. of FSP. Will need
to coordinate w/ Cerra for locations on Site I
- Begin to install Waste Borings / sediment samples @ Site H, I,
L, G, & M from 9/22 to 10/7/99 Task covered
under Section 5.3 of FSP. Will need to postpone
waste borings @ Site I until Joe Brumbyer @ Cerra
back from vacation on 9/23/99
- If test trenches have not been completed @ Site H
by 9/17/99 will need to complete on 9/20/99

Given to Weston/EDA @

on 9/16/99

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

Alan J. Cook / [Signature] / 9/16/99

Name/Signature/Date of Preparer

WORK FORECAST

Work Forecast for the day/week 9/20/99

Date: 9/16/99

Project Name: Solution Sarget/pe Project Location: Dead Creek Borrow Pit R. French Locations

Company Name: Menzie & Curran Associates (MCA)

1. List Work Items and Locations Scheduled for Next Day/Week:

① Recon survey of Dead Creek to identify station locations.

② Recon survey of Borrow Pit

③ Select Reference Locations

④ Qualitative examination of plants, invertebrates, crayfish presence

Given to Weston/EPA @

on 9/16/99

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

Charles Menzie 9/16/99
Name/Signature/Date of Preparer
Charles Menzie

WORK FORECAST

Work Forecast for the day/week:

9/20/99

Date:

9/16/99

Project Name:

Solutia Scept Area I

Project Location:

Deer Creek

Company Name:

MCA (Menzie Curra)

1. List Work Items and Locations Scheduled for Next Day/Week:

① Orientation ~ 1300 h

② Begin recon of Deer Creek

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

Name/Signature/Date of Preparation

Chas Menzie 9/16/99

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)
DAILY LOG OF CONSTRUCTION - MILITARY (ER
415-1-302)**

**THE OCR WILL BE ATTACHED TO OR FILED WITH THE
QAR.**

REPORT NO.

012

PROJECT

Solutia Sauget Area 1
Sauget, IL

DATE

21 September 1999

CONTRACT NO.

CONTRACTOR (Or hired labor)

O'Brien Gere / Menzie Cura

WEATHER

Cloudy, Temp.70

CQC Inspection phases attended and instruction given:

1) None

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

OBG

- 1) Continue Waste Boundary Trenching at Site H
- 2) Continue piezometer installation at site P2-B

Menzie Cura

- 1) Begin Eco-Recon Survey

Verbal instruction given to contractor: (Include names, reactions and remarks)

1) None

Has anything developed on the work which might lead to a change order or finding of fact? NO YES

1) None

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

1) None

Information, instructions or actions taken not covered on QCR report or disagreement:

1) None

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify corrective action taken.)

1) None


REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work.)

OBG

1. Three trenches performed on Site H
2. West H - Began at tree line, Boundary established by discolored soil and PID readings of 100+ construction debris was also found
3. South H - Discolored soil strong odors no readings on the PID, boundary established
4. East H - Discolored soil present, some debris, characteristics of all other locations boundary established. Test trenching completed.
5. Installed P2-A-D, P2-A-M, P2-A-S, P2-B-D, P2-B-S

Menzie Cura

1. Completed Recon Survey for Creek Sectors B, C, D, E, F, and Site M
2. Michael Ondrachek here to work with Menzie Cura

	DATE	SUPERVISOR'S INITIALS	DATE
	09-21-99	ER	9-27-99

DAILY WORK LOG

DATE 9-21-99

PROJECT NAME Solutia - Sarge's Area 1

PROJECT LOCATION Site H (aka G+L)

WEATHER partly cloudy

PRECIPITATION none

TEMPERATURE -60°F

NUMBER OF HOURS WORKED 23.5

NUMBER OF EMPLOYEES 3

- 1 ITEMS WORKED ON (ITEM NO DESCRIPTION STA TO STA FOREMAN)
- 2 INSTRUCTIONS RECEIVED FROM SOLUTIA
- 3 INSTRUCTIONS RECEIVED FROM USEPA
- 4 DEVIATIONS
- 5 VISITORS (NAMES & TITLES)
- 6 EQUIPMENT
- 7 LUNCH MEETING COMMENTS
- 8 UNUSUAL EVENTS (FIRE FLOOD STORM LABOR DISPUTES ETC.)
- 9 REMARKS

- (1) Boundary test trenching at Site H (ESP # 5.1).
Trenches 2, 3 and 4 (on S, E, and W sides of site respectively) were completed. Silt fence was installed in one location at Site H and one location at Site G from previous trenching. Site L was also graded and silt fence installed at 2 locations.
- (2) K. Perry requested that plastic sticking out of trenches at Site L be covered or removed; also inquired about bucket decon procedures
- (3) none
- (4) none
- (5) see attached visitors log
- (6) Komatsu PC150LC track loader w/ ~20' dig depth
Health and safety equipment
Support vehicles
- (7) none
- (8) none
- (9) Boundary test trenching completed.

Submitted to Weston 9/21/99 @ 4:00pm

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

David Haverdink / David Haverdink / 9-21-99
PRINTED NAME / SIGNATURE OF PREPARER / DATE

AILY WORK LOG

DATE 9/21/99
Regional Flow Piezometers
PROJECT LOCATION P2-A-S.M.D & P2-B-D.M
PRECIPITATION None TEMPERATURE 60°F
NUMBER OF EMPLOYEES 3

ION STA. TO STA. FOREMAN)
LABOR DISPUTES, ETC.)

P2-A-S.M.D Locations
P2-B-D.M.D.S
protected somehow will be looked into

but Dispatch

P2-B-D ± 8' east of was able to
due to unsuccessful retrieval of piezometer
-A-S ± 3' north of regional P2-A-S location
from P2-A & P2-B sites into 900 gal. tank

Alan J. Cook / AL J. COOK / 9/21/99
PRINTED NAME / SIGNATURE OF PREPARER / DATE
to EPA, Eric Keiper

ORM

DATE 9/21/99
Regional Flow Piezometers
LOCATION None TEMPERATURE 50°F
F EMPLOYEES

tens @ P2-B will move
4.12 & 4.13
plants such as poison ivy etc.
will use Mod Level D
d. creep between station
PID, RAM, 4-bus Meter

COMPANY
OBG
HARRISS DRILLING
OBG
SOLUTION
RFW
OBG

on 9/21/99

COOK / AL J. COOK
NAME / SIGNATURE OF PREPARER
9/21/99
DATE

SAFETY MEETING FORM

DATE 9-21-99

PROJECT LOCATION Site H

PRECIPITATION 1012

TEMPERATURE -55°F

NUMBER OF EMPLOYEES NA

1. SCHEDULED WORK:
2. REFERENCES TO APPROPRIATE SECTION OF FSP & HASP:
3. HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK:
4. SPECIFIC HEALTH AND SAFETY ISSUES REQUIRING ATTENTION:
5. COMMENTS:

- ② FSP: 3.1 ; HASP: 2.1

- (2) Potential exposure to hazardous wastes and materials, trench caving, contact with irritant plants, slips/trips/falls, respiration of VOCs, SVOCs, particulates, exposure to combustible gases, noise, splashing of impounded water.

- (4) PPE: level C w/ level B available, air monitoring for VOCs, particulates, and combustible gases; upgrade/downgrade of PPE based on air monitoring results; safe distances & excavator bucket used when taking phospor and measuring near trenches

- ⑤ Questioning parties should be referred to Cabrera PD (equipped w/ Mike Light's cards)
Smoking - in vehicles only
only - DSHA 40 hr trained people near working area
observe exclusion + decon zones
seal gate ... 11:45

ATTENDANCE

EMPLOYEE SIGNATURE

James K. Polk - 57

~~24-10-10~~

Ch. L.

David Lynch

РАЧОКИН 70

Her: 1962

O'Brien

~~SECRET~~

[illegible]

Submitted to Weston 9/21/99 @ 4:00pm

David Havershat / David Blumenthal / 9-21-99
SIGNATURE OF PREPARER

SAFETY MEETING FORM

CONDUCTED BY / COMPANY: Charles Menzic DATE 9/24/99

PROJECT NAME Solution Sought Area 1 PROJECT LOCATION Deed Creek

WEATHER partly cloudy PRECIPITATION none TEMPERATURE _____

NUMBER OF HOURS WORKED _____ NUMBER OF EMPLOYEES 2

1. SCHEDULED WORK:
2. REFERENCES TO APPROPRIATE SECTION OF FSP & HASP:
3. HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK:
4. SPECIFIC HEALTH AND SAFETY ISSUES REQUIRING ATTENTION:
5. COMMENTS:

- Day 2 of Recon
1. continue ecological recon
 2. MCA Ecological Risk Workplan Sect 4-2.1
 3. Avoid direct contact with sediments & water
- poison ivy
 4. none

ATTENDANCE:

EMPLOYEE NAME (print)	EMPLOYEE SIGNATURE	COMPANY
<u>Erik Kasper</u>	<u>[Signature]</u>	<u>RFW</u>
<u>John Tibre</u>	<u>[Signature]</u>	<u>Morwick</u>
<u>MICHAEL OMBROCHUK</u>	<u>[Signature]</u>	<u>RFW</u>
<u>Kimberly Perry</u>	<u>[Signature]</u>	<u>S/L-HA</u>
<u>Catherine Fogarty</u>	<u>[Signature]</u>	<u>Menzic-Cura</u>
<u>[Signature]</u>	<u>[Signature]</u>	<u>Menzic-Cura</u>

Given to Weston 9/24/99 8:45am

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

Charles Menzic / [Signature]
PRINTED NAME / SIGNATURE OF PREPARER

9/24/99
DATE

WORK FORECAST

Work Forecast for the day/week 9-21-99

Date: 9-20-99

Project Name: Solutia - Sargent Area 1 Project Location: Site H

Company Name: O'Brien & Gere

1. List Work Items and Locations Scheduled for Next Day/Week:

Test trenching at Site H, three locations (S, E, and W fill boundaries).

Submitted to Weston 9-20-99 @ 5:15pm

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

David Harsdorf / David Harsdorf / 9-20-99
Name/Signature/Date of Preparer

WORK FORECAST

Work Forecast for the day/week: 9/21/99

Date: 9/20/99
Regional Flow Piezometers
P2-B, P2-C, P2-A
P3-A, P3-B

Project Name: Solutra Sargent Area 1

Project Location:

Company Name: O'Brien & Gere Engineers

1. List Work Items and Locations Scheduled for Next Day/Week:

- Will continue to install Regional Flow Piezometers @ P2-B. Will move onto P2-A, and P3-A & B as allowable.
- Protective Casings will be installed around installed piezometers as time permits.
- May need to get hollow stem auger lined-up to install remaining 60' piezometers. Will discuss w/ Harries and Bill Wright.
- Will clear piezometer locations on Cerro w/ Joe Burroughs. Also will discuss waste boring locations.
- Waste Boring Locations will most likely need to be postponed due to Driller scheduling back-up until Sept 27 vs. Starting Sept 22. This will possibly cause the waste Boring activity to run to Oct 12 versus Oct 7. Will cause minor schedule crunch will try to get Driller to get work done by Oct 7 still.

Given to Weston @ 1730 on 9/20/99

WORK FORECAST

Work Forecast for the day/week: day - 9/21/99 Date: 9/21/99

Project Name: Solutia Sengul Area 1 Project Location: Dead Creek

Company Name: Menzie Curran & Associates

1. List Work Items and Locations Scheduled for Next Day/Week:

Ecological Recon for Dead Creek: B, C, D

Given to writer 9/21/99 8:45am

ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

Ch Menzie 9/21/99

Name/Signature/Date of Preparer

Charles Menzie

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR.	
	REPORT NO.	013
PROJECT Solutia Sauget Area 1 Sauget, IL	DATE	22 September 1999
	CONTRACT NO.	
CONTRACTOR (Or hired labor) O'Brien Gere / Menzie Cura	WEATHER	Sunny, Temp.80
CQC Inspection phases attended and instruction given: 1) None		
Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities. OBG 1) Begin piezometer installation at site P2-B Menzie Cura 1) Select Reference locations per plan.		
Verbal instruction given to contractor: (Include names, reactions and remarks) 1) None		
Has anything developed on the work which might lead to a change order or finding of fact? <u>NO</u> YES 1) None		

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

- 1) Still no access agreement for Site N and Cerro Copper will not allow waste trenching on Site I

Information, instructions or actions taken not covered on QCR report or disagreement:

- 1) None

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions From Government personnel. Specify corrective action taken.)

- 1) None

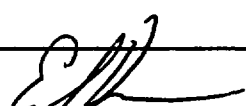
REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work.)

OEG

1. Installed P3-B-D, P3-B-M, P3-B-S, P3-A-D

Menzie Cura

2. Located three reference areas for Dead Creek.

	DATE	SUPERVISOR'S INITIALS	DATE
	09-22-99	EX	9-27-99

DAILY WORK LOG

DATE September 22, 1999

Regional Flow Piezometers
Existing Monitoring Wells

PROJECT NAME Solutia Sargent Area 1

PROJECT LOCATION

WEATHER Clear, sunny, 80°F

PRECIPITATION

none

TEMPERATURE

80°F

NUMBER OF HOURS WORKED

39

NUMBER OF EMPLOYEES

24

1. ITEMS WORKED ON (ITEM NO., DESCRIPTION, STA. TO STA., FOREMAN)

2. INSTRUCTIONS RECEIVED FROM SOLUTIA

3. INSTRUCTIONS RECEIVED FROM USEPA

4. DEVIATIONS

5. VISITORS (NAMES & TITLES)

6. EQUIPMENT

7. LUNCH MEETING COMMENTS

8. UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.)

9. REMARKS

1. Install piezometers P3-B-S/m/D & P3-A-D/
Search for monitoring wells EEC-103, EEC-104, EEC-105, EEC-109
& EEC-111. Found EEC-104 and EEC-109 intact and usable. EEC-103 was
located but has been sheared off. Location for EEC-103 was marked in
field with flagging as were EEC-104, 109. EEC-111 & 105 still to be
located. Cannot access site M where EEC-111 is located due to viney
growth through gate & chain. This needs to be cleared in order
to gain access.

Talked with Waise about access to EE-05 monitoring well. Access granted.
Confirmed piezometer locations on Cerve Copper

2. none

3. none

4. none

5.

6. Geoprobe, RAM, PID, 4 Gas Meter

7. none

8. none

9. EEC-104 is located in a dense growth of poison ivy.
Approximately 12 gal. water from P3-A & B pumped into
400 gal tank on Judith Lane.

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

William F. Wright

PRINTED NAME / SIGNATURE OF PREPARER / DATE

1700 gave to Weston

DAILY WORK LOG

DATE 9/22/99

PROJECT NAME Solutia Sciret I PROJECT LOCATION Reference Locations
 WEATHER Sunny PRECIPITATION None TEMPERATURE 50-75
 NUMBER OF HOURS WORKED 8 NUMBER OF EMPLOYEES 2

1. ITEMS WORKED ON (ITEM NO., DESCRIPTION, STA. TO STA., FOREMAN)
2. INSTRUCTIONS RECEIVED FROM SOLUTIA
3. INSTRUCTIONS RECEIVED FROM USEPA
4. DEVIATIONS
5. VISITORS (NAMES & TITLES)
6. EQUIPMENT
7. LUNCH MEETING COMMENTS:
8. UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.)
9. REMARKS:

1. Selected two reference locations - Old Prairie Dupont Creek in vicinity of East Carondelet west of and parallel to the Levee (RS-1). And, a wetland/pond environment west of Levee on Oakville Quadrangle between Kire Crossing and Franklin Gap (RS-2)

permission/access must be sought from Prairie Dupont ~~Creek~~ Levee Sanitary District for RS-1. We were unable to determine ownership for RS-2. However it is parallel to Taake Rd. The ~~two~~ locations on

Taake Rd that might have info are

Farris @ 9300 Taake Rd and Schaefer Stock Farm at 9742 Taake Rd.

2. None
3. None
4. None (except eliminate Herring Ditch at ref area)
5. None
6. GPS, camera
7. None
8. None
9. None

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

C. Menzies / C. Menzies / 9/22/99
 PRINTED NAME / SIGNATURE OF PREPARER / DATE

to weston 9/22/99 3:05pm

SAFETY MEETING FORM

CONDUCTED BY / COMPANY: Alan J. Cork / O'Brien & Gere DATE 9/22/99
 PROJECT NAME Solutia Sargit Area 1 PROJECT LOCATION Regional Flare P. cracker
 WEATHER Clear PRECIPITATION None TEMPERATURE 45°F
 NUMBER OF HOURS WORKED _____ NUMBER OF EMPLOYEES _____

1. SCHEDULED WORK:
2. REFERENCES TO APPROPRIATE SECTION OF FSP & HASP:
3. HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK:
4. SPECIFIC HEALTH AND SAFETY ISSUES REQUIRING ATTENTION:
5. COMMENTS:
 - 1) Install Piezometers @ P3-A & P3-B Locations @ Pittman School Property
 • Will look for remaining five existing gas wells that have not been located yet
 EEG-104, EEG-103, EEG-105, EEG-109, EEG-111
 - 2) FSP Section 5.6.3 & HASP Section 4.12 & 4.13
 Wear Hard hat, safety gloves, steel toe boots, hearing protection and DNR's
 - 3) Moving Mechanical Equipment, Slips/trips, Plants such as process units, etc
 Hotly spills drums, Deca water containers, RR crossings
 - 4) H&S not specifically addressed in HASP will use Mod Level D
 w/ hole monitoring using PID, RAM, 4-Gas
 - 5) None

ATTENDANCE:

EMPLOYEE NAME (print)	EMPLOYEE SIGNATURE	COMPANY
Alan J. Cork	<i>[Signature]</i>	O'Brien & Gere
Bill Wright	<i>[Signature]</i>	O'Brien & Gere
DAVID HEINIS	<i>[Signature]</i>	Chokila ID
Jim HARRISS	<i>[Signature]</i>	HARRISS DRILLING SVCS.
Erik Kemper	<i>[Signature]</i>	REFU
Dave Hammond	<i>[Signature]</i>	O'Brien & Gere
TONY FINCH	<i>[Signature]</i>	O'Brien & Gere
Rimbert & Perry	<i>[Signature]</i>	Solutia

Over to western @ 0121 on @ 9/22/99

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

Alan J. Cork / *[Signature]*
 PRINTED NAME / SIGNATURE OF PREPARER
9/22/99
 DATE

SAFETY MEETING FORM

DATE 9/22/99

CONDUCTED BY / COMPANY: C. Menzie / Menzie - Curra

PROJECT NAME Sculch Area I ^{Sargent} PROJECT LOCATION Reference Area

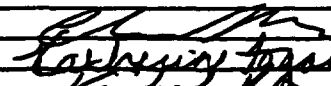
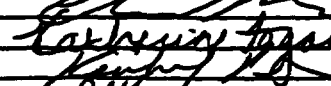
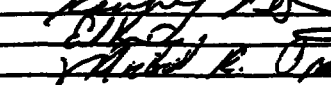
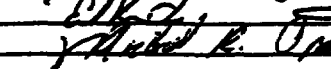

WEATHER Sunny PRECIPITATION none TEMPERATURE ~50-70

NUMBER OF HOURS WORKED 8 NUMBER OF EMPLOYEES 2

1. SCHEDULED WORK:
2. REFERENCES TO APPROPRIATE SECTION OF FSP & HASP:
3. HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK:
4. SPECIFIC HEALTH AND SAFETY ISSUES REQUIRING ATTENTION:
5. COMMENTS:

1. Select reference locations
2. MCA QAPP 4.2.1 Ecological Recon
3. Avoid contact with sediment + water
4. None

ATTENDANCE:

EMPLOYEE NAME (print)	EMPLOYEE SIGNATURE	COMPANY
C. Menzie		Menzie - Curra
Katherine Fogarty		Menzie - Curra
Kimberly Perry		SW-TRA
Eric Kemp		RFW
MICHAEL OBERACHER		RFW

Given to Weston 9/22/99 2:55pm RFP

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

Charles Menzie / 
PRINTED NAME / SIGNATURE OF PREPARER

9/22/99
DATE

WORK FORECAST

Work Forecast for the day/week: 9/22/99

Date: 9/21/99

Project Name: Solutra Sarget Area 1

Project Location: Regional Flow Piezometer
P3-A & P3-B

Company Name: O'Brien & Gere Engineers

1. List Work Items and Locations Scheduled for Next Day/Week:

• Install Piezometer Clusters @ Pitzman School
Property (P3-A & P3-B) W. Wright, T. Fuch, & J. Harris

• If time permits will install protective casings on
piezometers

• Will look for remaining ^{five} ~~three~~ existing GW wells
that have not been located yet.

EEG-104, EEG-103, EEG-105, EEG-109,
EEG-111.

• Will coordinate w/ Zumbrenn Engineers for surveying/
GPS mapping / trenching locations

• Will coordinate w/ a topsoil / seeding company to
dress-up site H.

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

Alan J. Cook / [Signature] / 9/21/99
Name/Signature/Date of Preparer

WORK FORECAST

Work Forecast for the day/week: 9/22/99

Date: 9/22/99

Project Name: Solutia Sarget I Project Location: Reference Location

Company Name: Menzie - Cura

1. List Work Items and Locations Scheduled for Next Day/Week:

a) select reference locations (two)

b) check crayfish trap

Given to Weston 9/22/99 7:55 am KdP

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE


Name/Signature/Date of Preparer

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR.	
	REPORT NO.	014
PROJECT Solutia Sauget Area 1 Sauget, IL	DATE	23 September 1999
	CONTRACT NO.	
CONTRACTOR (Or hired labor) O'Brien Gere	WEATHER	Sunny. Temp. 80
CQC Inspection phases attended and instruction given: 1) None		
Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities. OBG 1) Installed piezometers at P3-A(S,M), P1-C(S,M,D), P1-B(D,S)		
Verbal instruction given to contractor: (Include names, reactions and remarks) 1) None		
Has anything developed on the work which might lead to a change order or finding of fact? <u>NO</u> YES 1) None		

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

1) Still no access agreement for Site N and Cerro Copper will not allow waste trenching on Site I

Information, instructions or actions taken not covered on QCR report or disagreement:

1) None

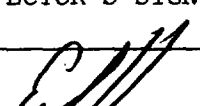
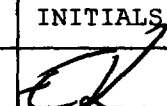
SAFETY: (Include any infractions of approved safety plan, safety manual or instructions From Government personnel. Specify corrective action taken.)

1) None

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work.)

OBG

1. Searching for existing monitoring wells to be used for sampling as indicated in the work plan.

INSPECTOR'S SIGNATURE	DATE	SUPERVISOR'S INITIALS	DATE
	09-23-99		02-2-99

DAILY WORK LOG

DATE 9/23/99

Pitzman School, P3-A-S/m

PROJECT NAME Solutia Sagette Area 1

PROJECT LOCATION Cerro Copper, P1-C-S/m/D

WEATHER Clear, Sunny

PRECIPITATION none

TEMPERATURE 80°F

NUMBER OF HOURS WORKED 30

NUMBER OF EMPLOYEES 3

1. ITEMS WORKED ON (ITEM NO., DESCRIPTION, STA. TO STA., FOREMAN)

2. INSTRUCTIONS RECEIVED FROM SOLUTIA

3. INSTRUCTIONS RECEIVED FROM USEPA

4. DEVIATIONS

5. VISITORS (NAMES & TITLES)

6. EQUIPMENT

7. LUNCH MEETING COMMENTS:

8. UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.)

9. REMARKS:

1.) Installed piezometers at Pitzman School P3-A-S/m

Installed piezometers at Cerro Copper, P1-C-S/m/D & P1-B-D/S

Searched for monitoring well EEG-111 and EEG-105, did not locate either

Picked up and brought to Site K the waste sample containers for next week

Brought over sediment sampling device to Site R

2

2.) None

3.) None

4.) none

5.) ~~none~~ Joe Burrows

6.) PIV, RAM, 4 gas meter

7.) None

8.) None

9.) none

given to Eric Kemper at 1730, 9/23-99

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

William E. Wright
PRINTED NAME / SIGNATURE OF PREPARER / DATE

WORK FORECAST

Work Forecast for the day/week:

9/23/99

Date:

9/22/99

Project Name:

Solution Sargent Area 1

Project Location:

Regional Fluvial Piezometer
Existing NW Section

Company Name:

O'Brien & Gere Engineers

1. List Work Items and Locations Scheduled for Next Day/Week:

- 1) Will complete Piezometer Installation @ P3-A
- Will Begin Piezometer Installation @ P1 locations
- Will attempt to look for EEG-105 (existing well) again. If we can get access to Site M will also look for EEG-111
- A) Cork will be developing documentation for CD request for collecting samples of surface soil for: pH, Specific Gravity, Soil Bulk Density, and Moisture content analysis, that was requested by Lisa Brady of ENSR
- Will dig holes at the completed piezometer locations for the installation of protective covers

Given to Weston @ 1700 hrs on 9/22/99

Alan J. Cork / *[Signature]* / 9/22/99
Name/Signature/Date of Preparer

PROJECT CHANGE ORDER

cc Yare
Bradley P.
Beauchamp P.
Cork P.
Weston P.

O'BRIEN & GERE ENGINEERS, INC.

PROJECT NAME: Solutia Sarget Area 1

PCO NUMBER	DESCRIPTION
	<u>At the request of Lisa Bradley of ENSR and w/ concurrence from Solutia Inc on September 16, 1999, the following physical analysis was requested to be performed on surface soils to support the Human Health RA: Soil Bulk Density, Soil Specific Gravity, Moisture Content & pH</u>
SUBMITTED TO <u>Kimberly Perry</u>	COMPANY <u>Solutia Inc</u>
SUBMITTED BY <u>Alan Cork</u>	COMPANY <u>O'Brien & Gere Engineers, Inc</u>
INITIAL DATE <u>9/23/99</u>	REQUIRED DATE <u>9/27/99</u>
DAYS REQUESTED	AMOUNT REQUESTED <u>5000.00</u>

CHANGE ORDER ITEMIZED DESCRIPTION

This CO affects the follow sections of the FSP: 5.3, 5.17, 5.18, & 5.19

Section 5.3 of FSP - Add -> 20 Soil Bulk Density Samples by Thompson
Waste Sampling
20 Moisture Content Samples by Thompson
20 Specific Gravity Samples by Thompson
20 Soil pH samples by Savannah

Section 5.17.1 of FSP - Add -> 45 Soil Bulk Density Samples by Thompson
Undeveloped Area Surface
45 Moisture Content Samples by Thompson
45 Specific Gravity Samples by Thompson
45 Soil pH samples by Savannah

Section 5.18.1 of FSP Add -> 20 Soil Bulk Density Samples by Thompson
Developed Area Surface
20 Moisture Content Samples by Thompson
20 Specific Gravity Samples by Thompson
20 Soil pH samples by Savannah

Section 5.19.1 of FSP Add -> 3 Soil Bulk Density Samples by Thompson
Background Soil Samples
3 Moisture content Samples by Thompson
3 Specific Gravity Samples by Thompson
3 Soil pH Samples by Savannah

Note

Soil pH sample analysis will be directly billed to Solutia By Savannah Labs
All other physical analysis performed by Thompson will be billed to O'Brien & Gere

Cost Summary for CO is on attached spread sheet.

Alan J Cork / Alan J Cork / 9/23/99
 PRINTED NAME / SIGNATURE OF PREPARER / DATE

Kimberly Perry / Kimberly Perry / 10/2/99
 PRINTED NAME / SIGNATURE OF SOLUTIA REP / DATE

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR.	
	REPORT NO.	015
PROJECT Solutia Sauget Area 1 Sauget, IL	DATE	24 September 1999
	CONTRACT NO.	
CONTRACTOR (Or hired labor) O'Brien Gere	WEATHER	Sunny. Temp. 78°
CQC Inspection phases attended and instruction given: 1) Preparatory Inspection for Waste Boring activities. Weston will take split samples on 10% of the total. Weston will coordinate with OBG on locations.		
Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities. OBG 1) Installed piezometers P1-B(M), P1-A(S,M,D)		
Verbal instruction given to contractor: (Include names, reactions and remarks) 1) None		
Has anything developed on the work which might lead to a change order or finding of fact? <div style="float: right;"> <u>NO</u> YES </div> 1) None		

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

1) Still no access agreement for Site N and Cerro Copper will not allow waste trenching on Site I

Information, instructions or actions taken not covered on QCR report or disagreement:

1) None

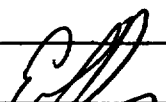
SAFETY: (Include any infractions of approved safety plan, safety manual or instructions From Government personnel. Specify corrective action taken.)

1) None

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work.)

OBG

1. OBG has surveyors beginning to locate sample points

INSPECTOR'S SIGNATURE	DATE	SUPERVISOR'S INITIALS	DATE
	09-24-99	EK	02299

DAILY WORK LOG

DATE 9/24/99

REGIONAL FLOW PIEZOMETERS
PI-A + PI-B

PROJECT NAME Solutia Sargol Area 1 PROJECT LOCATION

WEATHER pretty sunny PRECIPITATION NONE TEMPERATURE ~70°F

NUMBER OF HOURS WORKED 4.5 NUMBER OF EMPLOYEES 6

1. ITEMS WORKED ON (ITEM NO., DESCRIPTION, STA. TO STA., FOREMAN)
2. INSTRUCTIONS RECEIVED FROM SOLUTIA
3. INSTRUCTIONS RECEIVED FROM USEPA
4. DEVIATIONS
5. VISITORS (NAMES & TITLES)
6. EQUIPMENT
7. LUNCH MEETING COMMENTS:
8. UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.)
9. REMARKS:

- 1) INSTALLED PIEZOMETERS PI-B-M, PI-A-S, PI-A-M AND PI-A-D
MET WITH SURVEYOR AND STARTED THEM ON SAMPLING POINT (GPS)
Held preparatory inspection for waste being achieved to start 9/27/99
- 2) NO
- 3) NO
- 4) NO

5) JOE BURGESS (CICERO CAPTIVE)

6) RAM, PID, 4 GAS METERS, PPE

7) NO

8) NO

9) None

Over to Weston @ 1600 Hrs on 9/24/99

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

Alan J. Carr / [Signature] 9/24/99
PRINTED NAME / SIGNATURE OF PREPARER / DATE

WORK FORECAST

Work Forecast for the day/week: 9/24/99

Date: 9/23/99

Project Name: Solutia Saget Area 1 Project Location: Cerro Copper

Company Name: O'Brien & Gere

1. List Work Items and Locations Scheduled for Next Day/Week:

- meeting with Layne Western for Waste Borings to start week of 9/27/99
- preparatory inspection with agency for waste boring task
- regional flow piezometer installation PI-B-M & PI-A-S/M/D
- preparatory waste sample container inspection & grouping for next week

given to Eric Kemper @ 1730 / 9/23/99

William F. Wright William F. Wright 9/23/99
Name/Signature/Date of Preparer

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

PREPARATORY INSPECTION MEETING

Conducted by/Company: Alan Cork/O'Brien & Gere

Date: 9/24/99 @ 100

Project Name: Solutra Sayre Area 1

Task: Fill Area Waste Borings

1. Scheduled Work:

2. Equipment, Procedures, Personnel:

3. Ref. To App. Sec. of FSP/HASP:

4. Issues that could arise and how to resolve:

5. Solutra comments:

6. EPA comments:

1) Installation of Waste Borings on Site I, H, G, L and collection of Sediment waste Samples @ Site M.

• Completion of one waste boring @ site G and one @ site I into a 2-inch diameter well screened @ the fill material bottom. These wells will be used to collect leachate for treatability testing.

• Borings will be installed to two feet below fill materials.

• A surface soil sample will be collected @ each boring site on Site I, H, G, & L.

(Continued on Back.)

2) PPE, Hollow Stem Auger Equipment, PID, RAM, 4-Gas Meter. One Geologist & one H&S person from OBG present w/ Driller.

3) FSP Section 5.3 & HASP Section 2.4 (Level C initially)

4) No Access to Site N yet.

ATTENDANCE:

EMPLOYEE NAME (print)	EMPLOYEE SIGNATURE	COMPANY
Alan J. Cork	<i>[Signature]</i>	O'Brien & Gere
Eric Kemper	<i>[Signature]</i>	RF Western
Kimberly Perry	<i>[Signature]</i>	Solutra
William E. Wright	<i>[Signature]</i>	O'Brien & Gere
DAVID C. MEYER	<i>[Signature]</i>	Lane-Western

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

Alan J. Cork / *[Signature]*
PRINTED NAME / SIGNATURE OF PREPARE

9/24/99
DATE

Go to Weston @ 1010 on 9/24/99

5) None @ this time.

6) Eric's Question →

- Will take his 10% Duplicates @ locations we are not collecting our Duplicates or ^{for VOC's} ~~duplicate~~ samples to help minimize the chance of not having enough waste for analysis.

1) Continued

- Will use a 3 inch split spoon all the way down, continuously
- Will composite waste sample over entire interval
- one core sample ^{for VOC's} every 10 feet collected in the fill. The ten foot interval section(s) will be screened with a PID and highest screened interval will be ~~sent to~~ submitted for VOC analysis.
- Sequence → Site L → H → C → I

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR.	
	REPORT NO.	016
PROJECT Solutia Sauget Area 1 Sauget, IL	DATE	27 September 1999
	CONTRACT NO.	
CONTRACTOR (Or hired labor) O'Brien Gere	WEATHER	Sunny. Temp. 80°F
CQC Inspection phases attended and instruction given: 1)		
Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities. OBG 1) Finished installation of piezometers 9-24-99 accept for those on Site N (no access)		
Verbal instruction given to contractor: (Include names, reactions and remarks) 1) None		
Has anything developed on the work which might lead to a change order or finding of fact? <u>NO</u> YES 1) None		

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

1) Still no access agreement for Site N and Cerro Copper will not allow waste trenching on Site I

Information, instructions or actions taken not covered on QCR report or disagreement:

1) None

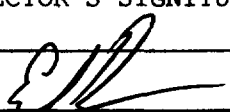
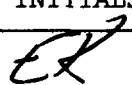
SAFETY: (Include any infractions of approved safety plan, safety manual or instructions From Government personnel. Specify corrective action taken.)

1) None

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work.)

OBG

1. OBG submitted a deviation log for repositioning waste boring locations based on boundary trench information

INSPECTOR'S SIGNATURE	DATE	SUPERVISOR'S INITIALS	DATE
	09-27-99		10-27-99

DAILY WORK LOG

DATE 9-27-99

PROJECT NAME Solutia - Sargent Area 1 PROJECT LOCATION Sites L & H
 WEATHER partly cloudy PRECIPITATION none TEMPERATURE ~80°F
 NUMBER OF HOURS WORKED 4.3 NUMBER OF EMPLOYEES 4

1. ITEMS WORKED ON (ITEM NO., DESCRIPTION, STA. TO STA., FOREMAN)
2. INSTRUCTIONS RECEIVED FROM SOLUTIA
3. INSTRUCTIONS RECEIVED FROM USEPA
4. DEVIATIONS
5. VISITORS (NAMES & TITLES)
6. EQUIPMENT
7. LUNCH MEETING COMMENTS:
8. UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.)
9. REMARKS:

- ① • Surface soil sampling at Sites L and H
 • Preparation of sampling containers for waste sampling at Sites L and H
- ② None
- ③ None
- ④ See deviation form dated 9-27-99 for repositioning of waste boring locations at Site L
- ⑤ See attached site visitor logs
- ⑥ Support vehicles
 Health & safety equipment
- ⑦ None
- ⑧ None
- ⑨ Drilling subcontractor did not arrive on site as planned to begin waste sampling boring.

IF ADDITIONAL SPACE IS REQUIRED,
 RECORD ON REVERSE SIDE

David Harwood / David Harwood / 9-27-99
 PRINTED NAME / SIGNATURE OF PREPARER / DATE

WORK FORECAST

Work Forecast for the day/week:

9/27/99

Date:

9/22/99

Project Name: Solutia Superfund Area 1

Project Location:

Fill Area Waste Boreings
Existing Well & New Requal
Flow Piezometer Water Level
Measurement

Company Name: O'Brien & Gere Engineers

1. List Work Items and Locations Scheduled for Next Day/Week:

- Will start Waste Boreings @ Fill Areas in Site T, H, G, L & Sediment Waste Samples @ Site M. Sequence to be established before preliminary inspection scheduled on 9/24/99 @ 1000 hrs.
- Will install a 2-inch diameter well in one of the waste bays @ Site G & Site T. Boring to be used will be determined in the field.
- Will begin to collect the 3rd Qtr 1999 groundwater elevation levels in the new requal flow piezometer clusters installed the week of 9/20 and in the existing wells that are in working order.

Over to Weston @ 1700 hrs on 9/22/99

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

Alan J. Clark

Name/Signature Date of Preparer

9/22/99

WORK FORECAST

Work Forecast for the day/week: 9/27/99

Date: 9/24/99

Project Name: Solutia Sayet Area 1 Project Location: Site L-Wast Bays

Company Name: O'Brien & Gere Engineers Inc.

1. List Work Items and Locations Scheduled for Next Day/Week:

- Will Mobilize Drill Rig for West Bays @ Site L
- Will Begin performing waste Bays @ Site L
- Meet w/ Mason Landscaping for Restoration of Site H & G
will take measurements for quote

Over to Wash @ 1600 hrs on 9/24/99

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

Alan J. Cox / AED 9/24/99
Name/Signature/Date of Preparation

DEVIATION LOG

INDIVIDUAL REQUESTING DEVIATION / COMPANY: _____

DATE 9/27/99

A) Cork / O'Brien & Gere Engineers

HEALTH & SAFETY APPROVAL REQUIRED: YES: _____ NO: X

PROJECT NAME Solutia Superfund Area 1 PROJECT LOCATION Site L - Waste Burials

WEATHER Partly Cloudy PRECIPITATION None TEMPERATURE 60°F

NUMBER OF HOURS WORKED _____ NUMBER OF EMPLOYEES _____

1. CONTRACT ITEM BEING WORKED ON: _____
2. ITEM BEING DEVIATED (REF. APPROP. SEC. OF FSP/HASP): _____
3. REASON FOR DEVIATION: _____
4. DEVIATION OR FIELD CHANGE TO BE IMPLEMENTED: _____
5. EQUIPMENT: _____
6. DEVELOPMENTS WHICH MIGHT LEAD TO ISSUANCES OF A CHANGE ORDER OR BE THE BASIS OF A CLAIM (EQUIPMENT: TIME: MANPOWER: ETC.): _____
7. REMARKS: _____

- 1) Section 5.3 of FSP - Waste Sampling
- 2) Original Layout of Waste Burials as presented to Agency & written on September 14, 1999 submitted
- 3) Extents of Waste Fill were determined during boundary tracing resulting in revised waste fill extents.
- 4) See Attached Figure
- 5) No. Equipment Change necessary
- 6) None @ this time
- 7) None @ this time

Over to Weirton @ 0740 on 9/27/99

Alan J Cork / [Signature]
PRINTED NAME / SIGNATURE OF PREPARER

9/27/99
DATE

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

PRINTED NAME / SIGNATURE OF SOLUTIA REP / DATE

PRINTED NAME / SIGNATURE OF USEPA REP / DATE

METRO EQUIP.
CONSTRUCTION, INC.
1300 QUEENY AVE.
(TONY LECHNER)

FALLING SPRINGS
MINI STORAGE
1300 QUEENY AVE.
(TONY LECHNER)

Scale - 1" = 50'

SITE L BOUNDARY TAKEN FROM
HISTORICAL AERIAL PHOTOS
(1937 TO 1998)

STORAGE / PARKING

BRUSH

Site L 9-15
9-16

▲ - Proposed Waste Baring
Relocation

▨ - Trench-Fill Boundaries (Approx.)

WL 400.6

N 699750 N 699750
N 699500 N 699500

Given to Weston @ 0900 on 9/28/99 9-28-99
by DEH + AJC

Site H

9-20

9-21

CERRO COPPER
PRODUCTS COMPANY

NICKELL AVENUE

SITE H BOUNDARY TAKEN FROM
HISTORICAL AERIAL PHOTOS
(1937 TO 1996)

TRENCH 4

Depth 13'
GW Depth 13'
Length 16'

TRENCH 1

Trench Depth 7'
GW Depth 7'
Length 11'

TRENCH DEPTH 11'
GW Depth 11'
Length 19'

TRENCH 2

TRENCH 3

Depth 17'
Length 30'
GW Depth 17'

FALLING SPRINGS ROAD

FALLING SPRINGS
MINI STORAGE
1300 QUEENY AVE.
(TONY LECHNER)

METRO EQUIP.
CONSTRUCTION, INC.
1300 QUEENY AVE.
(TONY LECHNER)

STORAGE / PARKING

L. KEELY PAVING
& CONSTRUCTION
2301 FALLING SPRINGS ROAD
(L. KEELY M. ROBINSON)

PARKING

DEAD CREEK
(C-5)

STORAGE / PARKING

TANK

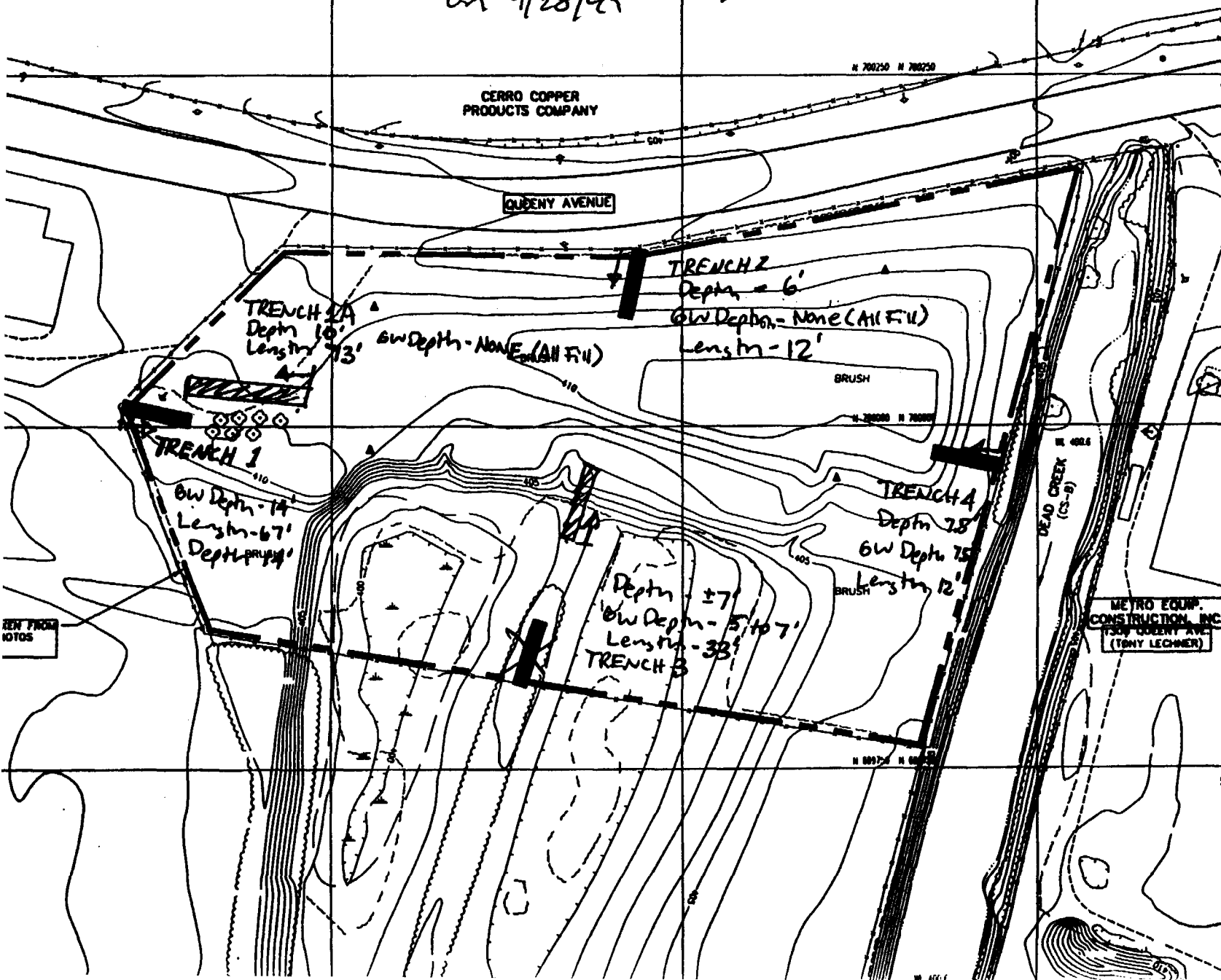
TANK

Site G

Given to Weston @ 0800
on 9/28/95

9-28-99
by DEH & AIC

Completed 9-17
9-20



INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR.	
	REPORT NO.	017
PROJECT Solutia Sauget Area 1 Sauget, IL	DATE	28 September 1999
	CONTRACT NO.	
CONTRACTOR (Or hired labor) O'Brien Gere	WEATHER	Sunny. Temp. 80°F
CQC Inspection phases attended and instruction given: 1) Preparatory Inspection Meeting for ground water elevation collection		
Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities. OEG 1) Completed waste boring B1 at Site L		
Verbal instruction given to contractor: (Include names, reactions and remarks) 1) None		
Has anything developed on the work which might lead to a change order or finding of fact? <div style="float: right;"> <u>NO</u> YES </div> 1) None		

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

- 1) No access agreement for Site N and Cerro Copper will not allow waste trenching on Site I

Information, instructions or actions taken not covered on QCR report or disagreement:

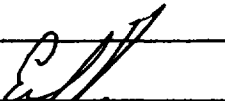
- 1) None

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions From Government personnel. Specify corrective action taken.)

- 1) None

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work.)

1. Tim Gouger (USACE), Michael McAteer (USEPA) here for site visit until 9-29

INSPECTOR'S SIGNATURE	DATE	SUPERVISOR'S INITIALS	DATE
	09-28-99	EX	10-22-99

DAILY WORK LOG

PROJECT NAME Solutia - Sargent Area PROJECT LOCATION regional piezometer and exist ground water wells site waste borings
 DATE 9-28-99
 WEATHER partly cloudy PRECIPITATION none TEMPERATURE ~80°F
 NUMBER OF HOURS WORKED 44.5 NUMBER OF EMPLOYEES 6

1. ITEMS WORKED ON (ITEM NO., DESCRIPTION, STA. TO STA., FOREMAN)
2. INSTRUCTIONS RECEIVED FROM SOLUTIA
3. INSTRUCTIONS RECEIVED FROM USEPA
4. DEVIATIONS
5. VISITORS (NAMES & TITLES)
6. EQUIPMENT
7. LUNCH MEETING COMMENTS:
8. UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.)
9. REMARKS:

① • Ground water elevations were taken from existing ground water wells and regional piezometers (P2A & B & C) (P3A & B) (EEG-104 & EEG-108)
 • Completed Waste Boring B-1 to 16' Below Grade. Collected two sets of Encore Samples & Composite
 • Picked-up Sample Containers @ Office from Triangle & Savannah
 • Picked-up More Organic Free from Office

② None

③ None

④ None

⑤ See attached visitor site logs

⑥ WATER ELEVATIONS - OIL/WATER INTERFACE PROBE
 PID
 4-GAS METER
 WASTE BORINGS - PID, RAM, 4-GAS METER
 DRILL RIG
 PRESSURE WASHER

⑦ None

⑧ Mark w/ Layne experienced overheating in Level C PPE initially, Came out of Exclusion and cooled down. After acclimation he did much better.

⑨ Experienced heaving sands in side augers @ Boring B-1 on Site L. Made advancing augers difficult. May need to discuss alternatives to remedy situation.

IF ADDITIONAL SPACE IS REQUIRED,
 RECORD ON REVERSE SIDE

Alan J. Cook / *[Signature]* / 9/28/99
 PRINTED NAME / SIGNATURE OF PREPARER / DATE

Given to Weston @ 1815 on 9/28/99

WORK FORECAST

Work Forecast for the day/week: 9/28/99

Date: 9/27/99

Project Name: Solutia Super Area 1

Project Location: Site L / ~~Site L~~ ASD 422/k

Company Name: O'Brien & Gere

1. List Work Items and Locations Scheduled for Next Day/Week:

- Will Begin Waste Borings @ Site L
- Will Begin to take water level readings in Piezometers & Existing Wells
- Will Dig holes around piezometers for protective casing installation

Given to Weston @ 1650 on 9/27/99

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

Alan J Cook / ASD / 9/27/99

Name/Signature/Date of Preparer

PREPARATORY INSPECTION MEETING

Conducted by/Company: Alan Cork/O'Brien & Gere

Date: 9/28/99

Project Name: Solutia Sangeet Area 1

Task: 3rd QTR 1999 GW Elevations
From Existing Wells & New Piezometers

1. Scheduled Work:

2. Equipment, Procedures, Personnel:

3. Ref. To App. Sec. of FSP/HASP:

4. Issues that could arise and how to resolve:

5. Solutia comments:

6. EPA comments:

1) Collect 3rd QTR 1999 groundwater elevations from Existing Wells and the piezometers installed during the week of 9/20/99

2) PPE, RAM, PID, 4-Gas Meter, Water Level probe, Water Intake probe.
Two person crew from O'Brien & Gere

3) FSP Sec. 5.6.3 HASP Sec 4.1.2 & 4.1.3 (Level C initially w/ Existing wells)
(Piezometers level D)

4) Existing wells may have NAPL present. Will Document + presence and estimated thicknesses.

May not have access to all existing well properties

5) None

6) None

ATTENDANCE:

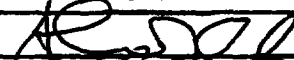
EMPLOYEE NAME (print)

EMPLOYEE SIGNATURE

COMPANY

Alan Cork

O'Brien & Gere



Erik Kemper

RF Weston



Kimberly Kenney

Solutia



IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

Alan J Cork / ARD

PRINTED NAME / SIGNATURE OF PREPARED BY

9/28/99
DATE

Given to Weston @ 0800
on 9/28/99

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR.	
	REPORT NO.	018
PROJECT Solutia Sauget Area 1 Sauget, IL	DATE	29 September 1999
	CONTRACT NO.	
CONTRACTOR (Or hired labor) O'Brien Gere	WEATHER	Sunny, Temp.75
CQC Inspection phases attended and instruction given: 1) Waste boring on Site L Continues		
Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities. 1) Waste boring at Site L has encountered "heaving sands" at about 14 feet down, OBG says they are through to native soil but there are still PID readings of 20 or better. Originally OBG was going to drill on down to 40 feet as that is what all the plans indicate as potential waste depths. After OBG consulted with Solutia it was determined that they were finished with that boring they met the intent of going down to native soil and that even though the soil is probably impacted they don't consider it to be waste.		
Verbal instruction given to contractor: (Include names, reactions and remarks) 1) None		
Has anything developed on the work which might lead to a change order or finding of fact? <div style="float: right;"> NO <u>YES</u> </div> 1) Michael McAteer(USEPA), Timothy Gouger(USACE), and Erik Kemper(Weston) discussed the situation of impacted soils and should OBG continue boring deeper and sample the entire "contaminated" area. Michael McAteer made the decision that it was not necessary to collect chemical samples past what was considered native soil but if PID readings still indicated possible contamination they should continue screening the soil down 15 more feet. Mike Light(Solutia) agreed to drill the extra footage.		

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

1) None

Information, instructions or actions taken not covered on QCR report or disagreement:

1) None


SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify corrective action taken.)

1) None

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work.)

Tim Gouger (USACE), Michael McAteer (USEPA)

Channel 5 News crew here to do a story on the Dead Creek cleanup, they interviewed Mike McAteer also Mike Light

	DATE	SUPERVISOR'S INITIALS	DATE
	09-29-99	EK	10-22-99

DAILY WORK LOG

DATE 9/29/99

PROJECT NAME Solutra - Sargent Area 1 PROJECT LOCATION Site L

WEATHER partly cloudy PRECIPITATION none TEMPERATURE ~70°F

NUMBER OF HOURS WORKED 39.5 NUMBER OF EMPLOYEES 5

1. ITEMS WORKED ON (ITEM NO., DESCRIPTION, STA. TO STA., FOREMAN)

2. INSTRUCTIONS RECEIVED FROM SOLUTIA

3. INSTRUCTIONS RECEIVED FROM USEPA

4. DEVIATIONS

5. VISITORS (NAMES & TITLES)

6. EQUIPMENT

7. LUNCH MEETING COMMENTS:

8. UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.)

9. REMARKS:

- (1) • Completed R1 & R2 at Site L (waste boring/sampling), set up drill rig on R3; FSP # 5.3
- Collected GW elevation measurements in Existing wells: EE-04, EE-20, EE-03, EE-01, EEG-110, EEG-109

(2) Advance waste borings through fill into native material, even if impacted, and do not advance further.

(3) None

(4) None

(5) See attached visitors logs.

(6) CME 750 drill rig; health & safety equipment; support vehicles

(7) None

(8) ~~None~~ ABC Television crew from Channel 5 @ filming boring of Site L - B2

SUBMITTED TO WESTON 9/29/99 @ 1740

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

David Howardink / 9/29/99
PRINTED NAME / SIGNATURE OF PREPARER / DATE

WORK FORECAST

Work Forecast for the day/week: 9/28/99

Date: 9/28/99

Project Name: Solutia Sargent Area 1

Project Location: Waste Boring Site L
Water Elev. Existing GW wells &
New Piezometers

Company Name: O'Brien & Gere Engineers

1. List Work Items and Locations Scheduled for Next Day/Week:

- Will continue waste boring installation @ Site L
- Will talk w/ Joe Bannings @ Cerro about waste boring locations on Site I and which boring it would be best to turn into a monitoring well.
- Will continue to collect water elevation data from existing GW wells & newly installed piezometers

Given to Wester @ 1615 on 9/28/99

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

Alan J. Calk / ASJ / 9/28/99
Name/Signature/Date of Preparer

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR.	
	REPORT NO.	018
PROJECT Solutia Sauget Area 1 Sauget, IL	DATE	29 September 1999
	CONTRACT NO.	
CONTRACTOR (Or hired labor) O'Brien Gere	WEATHER	Sunny, Temp.75
CQC Inspection phases attended and instruction given: 1) Waste boring on Site L Continues		
Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities. 1) Waste boring at Site L has encountered "heaving sands" at about 14 feet down, OBG says they are through to native soil but there are still PID readings of 20 or better. Originally OBG was going to drill on down to 40 feet as that is what all the plans indicate as potential waste depths. After OBG consulted with Solutia it was determined that they were finished with that boring they met the intent of going down to native soil and that even though the soil is probably impacted they don't consider it to be waste.		
Verbal instruction given to contractor: (Include names, reactions and remarks) 1) None		
Has anything developed on the work which might lead to a change order or finding of fact? <div style="float: right;"> NO <u>YES</u> </div> 1) Michael McAteer(USEPA), Timothy Gouger(USACE), and Erik Kemper(Weston) discussed the situation of impacted soils and should OBG continue boring deeper and sample the entire "contaminated" area. Michael McAteer made the decision that it was not necessary to collect chemical samples past what was considered native soil but if PID readings still indicated possible contamination they should continue screening the soil down 15 more feet. Mike Light(Solutia) agreed to drill the extra footage.		
Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.		

1) None

Information, instructions or actions taken not covered on QCR report or disagreement:

1) None

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions From Government personnel. Specify corrective action taken.)

1) None

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work.)

Tim Gouger(USACE), Michael McAteer(USEPA)

Channel 5 News crew here to do a story on the Dead Creek cleanup, they interviewed Mike McAteer also Mike Light

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S
INITIALS

DATE

09-29-99

DAILY WORK LOG

DATE 9/29/99

PROJECT NAME Solutia - Saugee Area 1 PROJECT LOCATION Site L
 WEATHER partly cloudy PRECIPITATION none TEMPERATURE ~70°F
 NUMBER OF HOURS WORKED 39.5 NUMBER OF EMPLOYEES 5

1. ITEMS WORKED ON (ITEM NO., DESCRIPTION, STA. TO STA., FOREMAN)
2. INSTRUCTIONS RECEIVED FROM SOLUTIA
3. INSTRUCTIONS RECEIVED FROM USEPA
4. DEVIATIONS
5. VISITORS (NAMES & TITLES)
6. EQUIPMENT
7. LUNCH MEETING COMMENTS:
8. UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.)
9. REMARKS:

- ① • Completed R1 & R2 at Site L (waste boring/sampling), set up drill rig on R3 ; FSP # 5.3
 • Collected GW elevation measurements in Existing wells : EE-04, EE-20, EE-03, EE-01, EEG-110, EEG-109
- ② Advance waste borings through fill into native material, even if impacted, and do not advance further.
- ③ None
- ④ None
- ⑤ See attached visitors logs.
- ⑥ CME 750 drill rig ; health & safety equipment ; support vehicles
- ⑦ None
- ⑧ ~~None~~ ABC Television crew from Channel 5 @ filming of Site L - B2

SUBMITTED TO WESTON 9/29/99 @ 1740

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

David Harvink David Harvink / 9/29/99
 PRINTED NAME / SIGNATURE OF PREPARER / DATE

WORK FORECAST

Work Forecast for the day/week: 9/20/99

Date: 9/29/99

Project Name: Solutia Sagnet Area 1

Project Location: - Waste Binnys L & Boubly H
- Existing GW & Piezometer Water Elev.

Company Name: O'Brien & Gere

1. List Work Items and Locations Scheduled for Next Day/Week:

- Continue Waste Binnys @ Site L. If completed @ Site L will move onto Site H
- Continue checking GW elevations @ 8 Existing wells and 9 piezometers
- Will begin to install protective casings off piezometers.

Given to Weston @ 1500 hrs on 9/29/99

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

Alan J. Conk / [Signature] / 9/29/99
Name/Signature/Date of Preparation

WORK FORECAST

Work Forecast for the day/week: 10/4/99

Date: 9/29/99

Project Name: Solutia Superfund Area 1

Project Location: - Fill Area GW Sampling/Well Redesign

Company Name: O'Brien & Gere

- Waste Boring H, G, I
- Eco Sediment Samples
- Surface Water Samples

1. List Work Items and Locations Scheduled for Next Day/Week:

- Continue Waste Borings - Finish Site H if not completed by 10/1/99
- Move to Site G then Site I
- Redesign and Sample Existing GW Monitoring Wells
- Collect Surface Water Samples @ Eco Sampling Stations
- Collect Eco Sediments along w/ Menzie-Cura
- Continue to install protective casings on piezometers if not completed week of 9/27/99

Given to Weston @ 1800 hrs on 9/29/99

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

Alan J. Cox / [Signature] / 9/29/99
Name/Signature/Date of Preparer

SAFETY MEETING FORM

DATE 9-29-99

CONDUCTED BY / COMPANY: David Haverdink / O'Brien & Gere

PROJECT NAME Solutia - Sugar Creek 1

PROJECT LOCATION Site 1

WEATHER Cloudy, cool

PRECIPITATION slight 9-29 / overnight

TEMPERATURE -55°F

NUMBER OF HOURS WORKED NA

NUMBER OF EMPLOYEES NA

1. SCHEDULED WORK:
2. REFERENCES TO APPROPRIATE SECTION OF FSP & HASP:
3. HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK:
4. SPECIFIC HEALTH AND SAFETY ISSUES REQUIRING ATTENTION:
5. COMMENTS:

- (1) Waste borings continuing at Site 1
Water level readings continuing at piezometers and existing wells
- (2) FSP: 5.1 (borings), 5.6.2 (water levels)
HASP: 2.4 (borings), 2.5 (water levels)
- (3) Borings: potential contact w/ hazardous materials & wastes; respiration of VOCs, SVOCs and particulates; exposure to combustible gases; drill rig hazards of CO, moving parts, overhead falling objects, pressurized lines, and noise; slips & falls
Water levels: respiration of VOCs at well head; combustible gas exposure; slips & falls
- (4) Borings: PPE = level C w/ level B on-hand; air monitoring w/ PID 4-gas and
RAM: up/down grade PPE based on air monitoring; drilled to inspect rig for hazards & repair
Water levels: mid level D w/ chemical resistant gloves; air monitoring w/ PID and 4-gas
level C initial O wellhead
- (5) Stacking only in vehicles; segregate wastes; watch at RR's and intersections; observe No Zones

ATTENDANCE:

EMPLOYEE NAME (print)	EMPLOYEE SIGNATURE	COMPANY
David Haverdink	<i>David Haverdink</i>	O'Brien & Gere
John Fiore	<i>John Fiore</i>	Maxwell
Eric Kasper	<i>Eric Kasper</i>	RE Watson
Tom Elberts	<i>Tom Elberts</i>	LAYNE
Mark McManis	<i>Mark McManis</i>	LAYNE
Tony Finch	<i>Tony Finch</i>	O'Brien & Gere
Alan J. Clark	<i>Alan J. Clark</i>	O'Brien & Gere
Kimberly Perry	<i>Kimberly Perry</i>	Solutia
William E. Wright	<i>William E. Wright</i>	Solutia / Brunswick
GENE PLEASANT	<i>Gene Pleasant</i>	INSITE
Terry Matras	<i>Terry Matras</i>	Cahokia Polia

SUBMITTED TO REGION 9/29/99 @ 1740

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

David Haverdink / David Haverdink
 PRINTED NAME / SIGNATURE OF PREPARER

9-29-99
 DATE

9-09-99

000 Weston on site

on site

2:30 H+S meeting

McAlister
reports
why

OBC continue boring at Site 2

000 Encountered heavy sands about 14 ft
our intention is to control this by a
head of water in the augers. It appears
they are through the waste but
as we discussed this morning OBC would go
to 40 ft for a check on the fill to make
sure there wasn't a lense or clean on top of
waste fill

se
arched

Discussions between McAlister, Gargu, Kuper
on how to determine when we were
through to native soil. previous documentation
shows waste to ± 40 ft, if we only go to 14 16
feet how do we know it isn't just a lens
of clean fill not native soil.

over
samples
visionsg/Hughes
in me

News Crew from Channel 5 doing a
light report on the Duck Creek cleanup

Boring

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR.	
	REPORT NO.	019
PROJECT Solutia Sauget Area 1 Sauget, IL	DATE	30 September 1999
	CONTRACT NO.	
CONTRACTOR (Or hired labor) O'Brien Gere	WEATHER	Sunny, Temp. 70°F
CQC Inspection phases attended and instruction given: 1) As a result from yesterdays impacted soil issues the agreement made between EPA and Solutia was to add a fifth boring to each site drill strait to the waste and soil interface and conduct PID screening for 15 more feet		
Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities. 1) Work being performed as expected		
Verbal instruction given to contractor: (Include names, reactions and remarks) 1) None		
Has anything developed on the work which might lead to a change order or finding of fact? <u>NO</u> YES		
Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc. 1) None		
Information, instructions or actions taken not covered on QCR report or disagreement:		

1) None

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions From Government personnel. Specify corrective action taken.)

1) None

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work.)

Deviation to FSP for VOC sample collection(see Attached)

INSPECTOR'S SIGNATURE

DATE

SUPERVISOR'S
INITIALS

DATE

09-30-99

DEVIATION LOG

INDIVIDUAL REQUESTING DEVIATION / COMPANY: Alan Cork / O'Brien & Gere

DATE 9/30/99

HEALTH & SAFETY APPROVAL REQUIRED: YES: _____ NO: X

PROJECT NAME Solutia Superfund Area 1 PROJECT LOCATION Waste Barings

WEATHER Clear PRECIPITATION None TEMPERATURE 70°F

NUMBER OF HOURS WORKED _____ NUMBER OF EMPLOYEES _____

1. CONTRACT ITEM BEING WORKED ON: _____
2. ITEM BEING DEVIATED (REF. APPROP. SEC. OF FSP/HASP): _____
3. REASON FOR DEVIATION: _____
4. DEVIATION OR FIELD CHANGE TO BE IMPLEMENTED: _____
5. EQUIPMENT: _____
6. DEVELOPMENTS WHICH MIGHT LEAD TO ISSUANCES OF A CHANGE ORDER OR BE THE BASIS OF A CLAIM (EQUIPMENT; TIME; MANPOWER; ETC.): _____
7. REMARKS: _____

- 1) Section FSP S.3 Waste Barings
- 2) Collection interval for Encore Samplers for VOC analysis. Current interval is 1 Encore sample per 10 ft of waste fill.
- 3) To maximize the potential of collecting the highest VOC concentrations in the waste samples collected for analysis
- 4) Collect encore samplers @ each 2-ft split spoon interval in the waste fill. Send highest PID reading sample to lab for analysis
- 5) More Encore samplers will be needed ±900
- 6) More time required for paperwork associated with Encore Sample Increase
- 7) None

Given to Weston 9/30/99 18:05 p

Alan J Cork / [Signature]
PRINTED NAME / SIGNATURE OF PREPARER

9/30/99
DATE

IF ADDITIONAL SPACE IS REQUIRED,

Kimberly Perry / [Signature] 9/30/99
PRINTED NAME / SIGNATURE OF SOLUTIA REP / DATE

PRINTED NAME / SIGNATURE OF USEPA REP / DATE

DAILY WORK LOG

DATE 9/30/99
 PROJECT NAME Solutia Super Area 1 PROJECT LOCATION Waste Borings @ Site L
Gas Levels in Erwell & Piczos
 WEATHER Clear PRECIPITATION None TEMPERATURE 80°F
 NUMBER OF HOURS WORKED 45 NUMBER OF EMPLOYEES 5

1. ITEMS WORKED ON (ITEM NO., DESCRIPTION, STA. TO STA., FOREMAN)
2. INSTRUCTIONS RECEIVED FROM SOLUTIA
3. INSTRUCTIONS RECEIVED FROM USEPA
4. DEVIATIONS
5. VISITORS (NAMES & TITLES)
6. EQUIPMENT
7. LUNCH MEETING COMMENTS:
8. UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.)
9. REMARKS:

1) Checked water levels @ P1-A, B, C, EE-14, EEG-112, EEG-106, EEG-102, EEG-107, EE-11, EEG-101, EE-05
 Completed Borings B3 and B4 at Site L; set up for Boring B1 at Site H

2) Install a Fifth boring @ each site. Once below waste fill screen for 15' w/ PID only. Collect no environmental samples for analysis.
 • Need to collect Encores @ each waste interval (every two feet) & send the one with the max PID reading for laboratory analysis.

3) None.

4) See Deviation Log dated 9/30/99.

5) See attached visitors logs.

6) CME 750 Drill Rig, HSS Equipment, support vehicles

7) None

8) None

9) Clarification / Change in Procedures on Waste Boring:
 • Per Solutia install a fifth boring @ each once we reach native go to 15' below this and screen with PID only. Record PID readings.
 • Per Solutia need to collect Encore samples for VOC @ each screen interval (every 2 feet) Only send highest PID Waste Sample Encores to lab for analysis.

IF ADDITIONAL SPACE IS REQUIRED,
 RECORD ON REVERSE SIDE

Alan J. Curt / [Signature] / 9/30/99
 PRINTED NAME / SIGNATURE OF PREPARER / DATE

David Hurd / [Signature] / 9/30/99

WORK FORECAST

Work Forecast for the day/week: 10/1/99

Date: 9/30/99

Project Name: Solution Sarget Area 1

Project Location: • Waste Borings @ Site H
• Sample Jar Prep for week 10/4

Company Name: O'Brien & Gere Engineers

1. List Work Items and Locations Scheduled for Next Day/Week:

- Will begin to complete Waste Borings @ Site H
- Will begin to prepare sample containers for next weeks activities
- Will pick-up additional sample containers from office.
- Will pick-up sample labels from office.

Given to Weston @ 1745 on 9/30/99

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

Alan J Cook / ARJ / 9/30/99
Name/Signature/Date of Preparer

SAFETY MEETING FORM

CONDUCTED BY / COMPANY: David Haverdink / O'Brien & Gere DATE 9/30/99

PROJECT NAME Solutia-Sauget Area 1 PROJECT LOCATION Sites L & H

WEATHER partly cloudy PRECIPITATION none TEMPERATURE ~50°F

NUMBER OF HOURS WORKED NA NUMBER OF EMPLOYEES NA

1. SCHEDULED WORK:
2. REFERENCES TO APPROPRIATE SECTION OF FSP & HASP:
3. HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK:
4. SPECIFIC HEALTH AND SAFETY ISSUES REQUIRING ATTENTION:
5. COMMENTS:

- ① • Continued waste borings at Site L; potential set-up and boring at Site H
 • Continued water level readings ~~continuing~~ at piezometers and existing wells
 • Speak with Joe Burroughs at Cello Taper regarding waste borings at Site J
- ② FSP 5.3 (waste borings) 5.6.3 (water levels)
 HASP 2.4 (waste borings) 2.5 (water levels)
- ③ • Borings: potential contact w/ haz. materials & wastes; respiration of VOCs, SVOCs, and particulates; exposure to combustible gases; drill rig hazards of CO, moving parts, over head falling objects, pressurized lines, and noise; trips/falls
 • Water levels: respiration of VOCs; exposure to combustible gases; trips/falls
- ④ • Borings: level C PPE w/ level B on-hand; ~~use~~ air monitoring w/ PID, 4-gas, and RAM; up/downgrade PPE based on air monitoring; drillers to inspect rig for hazards & repair
 • Water levels: level C PPE initial, air monitoring w/ PID & 4-gas, up/downgrade based on air monitoring
- ⑤ Smoking only in vehicles; segregate wastes; watch @ RR's and intersections; observe H&S zones

EMPLOYEE NAME (print)	EMPLOYEE SIGNATURE	COMPANY
David Haverdink	<i>David Haverdink</i>	O'Brien & Gere
John Tierce	<i>John Tierce</i>	Maverick
William F. Wright	<i>William F. Wright</i>	O'Brien & Gere
Tim Elmers	<i>Tim Elmers</i>	LAINE
LIONEL PLEASANT	<i>Lionel Pleasant</i>	ONSITE
Jerry Mohr	<i>Jerry Mohr</i>	Cabrera P.D
MARK T. MURRAY	<i>Mark T. Murray</i>	LAYNE
Kimberly Pitt	<i>Kimberly Pitt</i>	Solutia
Tony Finch	<i>Tony Finch</i>	DURHAM + H&S
Eric Kugel	<i>Eric Kugel</i>	RE West
Alan Clark	<i>Alan Clark</i>	O'Brien & Gere
Joseph Perry	<i>Joseph Perry</i>	O'Brien & Gere

SUBMITTED TO WETON 9/30/99 @ 1755

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

David Haverdink / David Haverdink
PRINTED NAME / SIGNATURE OF PREPARER

9/30/99
DATE

9-30

As a result from the discussion about the waste depth identification it was determined that OBGs would conduct a fill boring near the center of the expected fill area, drill to the present waste depth then continue for 15 more feet taking PID readings at the 2 foot sampling intervals and record these findings. No analytical data collection required.

This all came about because the spec on Site 2 which was determined to be native soil still had a PID reading in the BOC so the question was how do we know the depth of impacted soil and do we need to sample it. Michael McAllister of USEPA is satisfied with just screening the soil and not taking chemical analyses of the "impacted soil" so that is what we will do.

CLB

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR.	
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CONTRACTOR (Or hired labor) O'Brien Gere	WEATHER	Sunny, Temp. 70°F
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Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities. 1) Work being performed as expected		
Verbal instruction given to contractor: (Include names, reactions and remarks) 1) None		
Has anything developed on the work which might lead to a change order or finding of fact? <div style="float: right;"> <u>NO</u> YES </div>		
Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc. 1) None		

Information, instructions or actions taken not covered on QCR report or disagreement:

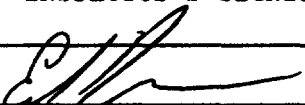
1) None

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify corrective action taken.)

1) None

REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work.)

Deviation to FSP for VOC sample collection(see Attached)

INSPECTOR'S SIGNATURE	DATE	SUPERVISOR'S INITIALS	DATE
	09-30-99	CK	10-23-99

WORK FORECAST

Work Forecast for the day/week: 9/20/99

Date: 9/29/99

Project Name: Solutia Superfund Area 1

Project Location: -Waste Boreholes L & Borehole H
-Existing GW & Piezometer Waste Electric

Company Name: O'Brien & Gere

1. List Work Items and Locations Scheduled for Next Day/Week:

- Continue Waste Boreholes @ Site L. If completed @ Site L will move onto Site H
- Continue checking GW elevations @ B Existing wells and 9 piezometers
- Will begin to install protective casings off piezometers.

Given to Weston @ 1800 hrs on 9/29/99

IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

Alan J. Conk / [Signature] / 9/29/99
Name/Signature/Date of Preparation

DEVIATION LOG

INDIVIDUAL REQUESTING DEVIATION / COMPANY: Alan Cork / O'Brien & Gere

DATE 9/30/99

HEALTH & SAFETY APPROVAL REQUIRED: YES: _____ NO: X

PROJECT NAME Solutia Superfund Area 1

PROJECT LOCATION Waste Binnys

WEATHER Clear

PRECIPITATION None

TEMPERATURE 70°F

NUMBER OF HOURS WORKED

NUMBER OF EMPLOYEES

1. CONTRACT ITEM BEING WORKED ON:
2. ITEM BEING DEVIATED (REF. APPROP. SEC. OF FSP/HASP):
3. REASON FOR DEVIATION:
4. DEVIATION OR FIELD CHANGE TO BE IMPLEMENTED:
5. EQUIPMENT:
6. DEVELOPMENTS WHICH MIGHT LEAD TO ISSUANCES OF A CHANGE ORDER OR BE THE BASIS OF A CLAIM (EQUIPMENT; TIME; MANPOWER; ETC.):
7. REMARKS:

- 1) Section FSP 5.3 Waste Binnys
- 2) Collection interval for Encore Samplers for VOC analysis. Current interval is 1 Encore sample per 10 ft of waste fill.
- 3) To maximize the potential of collecting the highest VOC concentrations in the waste samples collected for analysis
- 4) Collect encore samplers @ each 2-ft split spoon interval in the waste fill. Send highest PID reading sample to lab for analysis
- 5) More Encore samplers will be needed ±900
- 6) More time required for paperwork associated with Encore Sample Increase
- 7) None

Given to Warden 9/30/99 18:05

Alan J Cork / Alan J Cork
PRINTED NAME / SIGNATURE OF PREPARER

9/30/99
DATE

IF ADDITIONAL SPACE IS REQUIRED,

Kimberly Perry / Kimberly Perry 9/30/99
PRINTED NAME / SIGNATURE OF SOLUTIA REP / DATE

PRINTED NAME / SIGNATURE OF USEPA REP / DATE

METRO EQUIP.
CONSTRUCTION, INC.
1300 QUEENY AVE.
(TONY LECHNER)

FALLING SPRINGS
MINI STORAGE
1300 QUEENY AVE.
(TONY LECHNER)

Scale - 1" = 50'

SITE L BOUNDARY TAKEN F
HISTORICAL AERIAL PHOTOS
(1937 TO 1998)

STORAGE / PARKING

BRUSH

Site L 9-15
9-16

▲ - Proposed Waste Boring
Relocation

▨ - Trench-Fill Boundaries (Approx.)

